



Admission to Kerala Engineering, Architecture and Medical Courses

## ENGINEERING \| ARCHTECTURE \| MBBS \| BDS \| AYURVEDA \| HOMOEO \| SIDDHA \| UNANI AGRICULTURE \| FORESTRY \| VETERINARY \| FISHERIES \| PHARMACY

Online Application at
www.cee.kerala.gov.in

## Five steps of Online Application



OFFICE OF THE



GOVERNMENT OF KERALA

## PROSPECTUS <br> FOR ADMISSION TO PROFESSIONAL DEGREE COURSES

[MEDICAL, AGRICULTURE, FORESTRY, VETERINARY, FISHERIES, ENGINEERING, ARCHITECTURE \& PHARMACY COURSES]

## 2020

(Approved vide G.O (MS) No. 62/2020/HEDN. Dated Thiruvananthapuram 30.01.2020)

For Online Submission of Application visit: www.cee.kerala.gov.in

OFFICE OF THE COMMISSIONER FOR ENTRANCE EXAMINATIONS
$5^{\text {th }}$ FLOOR, HOUSING BOARD BUILDINGS, SANTHI NAGAR,
THIRUVANANTHAPURAM - 695001
Phone: 0471-2332120, 2338487
email:ceekinfo.cee@kerala.gov.in
web site: www.cee.kerala.gov.in

# KEAM - 2020 <br> INFORMATION AT A GLANCE 

1. Online Application submission
2. Last date for submission of Online Application including Fee payment
: From 01.02.2020 (Saturday)
: 25.02.2020, 5 pm (Tuesday)
3. Last date for Online submission of supporting documents
: 29.02.2020 (Saturday)
4. Downloading Online Admit Cards
5. Date \& Time of Engineering Entrance Examination:

| Physics \& Chemistry (Paper-I) | $:$ | $20.04 .2020,10 \mathrm{am}$ to 12.30 pm |
| :--- | :--- | :--- |
| Mathematics (Paper-II) | $: \quad 21.04 .2020,10 \mathrm{am}$ to 12.30 pm |  |

6. Venue of Examination
7. Time Schedule for the Examination (IST)
(a) Entry to the Examination Hall
: As indicated in the Admit Card
(b) Distribution of Question Booklet
(c) Opening of the Question Booklet and Commencement of Examination
(d) Latest entry to the Examination Hall
(e) Conclusion of Examination
8. Materials permitted in the examination hall
9. Rough work
: Engg Paper-I \& Paper-II
: $\quad 9.30 \mathrm{am}$
$\vdots \quad 9.55 \mathrm{am}$
: $\quad 10.00 \mathrm{am}$
$\vdots \quad 10.30 \mathrm{am}$
$\vdots \quad 12.30 \mathrm{pm}$
: Admit Card, Card Board/Clip Board, Ball-Point pens (with Black or Blue ink only)
: All rough work are to be done in the Question Booklet only. The candidate shall not do any rough work or put Stray Mark(s) on the OMR answer sheet.
10. Declaration of Results:

Result of Engineering Entrance Examination : On or before 25.05.2020 Engineering, Architecture, MBBS/BDS, Medical \& Allied and Ayurveda Rank lists
: On or before 20.06.2020
11. Centralised Allotment Process (CAP-2020)
: See Clause 11
12. Certificates/documents to be produced
at the time of admission
(a) Admit Card issued by CEE.
(b) Certificate to prove Date of Birth.
(c) Original Mark List to prove academic eligibility.
(d) Pass Certificate (if obtained).
(e) Allotment letter issued by the CEE.
(f) Originals of all the uploaded documents.
(g) Any other documents as mentioned in Clause 11.7.1

GOVERNMENT OF KERALA
2020
OFFICE OF THE COMMISSIONER FOR ENTRANCE EXAMINATIONS
$5{ }^{\text {th }}$ FLOOR, HOUSING BOARD BUILDINGS, SANTHI NAGAR
THIRUVANANTHAPURAM - 695001
Phone: 0471-2332120, 2338487
www.cee.kerala.gov.in

1. Candidates applying for admission to any of the following courses- Engineering, Architecture, B.Pharm, MBBS, BDS, Ayurveda, Homoeopathy, Siddha, Unani, Agriculture, Forestry, Veterinary and Fisheries- should apply online on or before the last date.
2. Submission of application and supporting documents is possible in online mode only. Online submission of Application and supporting documents must be made by accessing the CEE website - www.cee.kerala.gov.in.
3. Confirmation page of the online application must be retained for future reference. Do not send the printout of the confirmation page or other documents to the office of the CEE.
4. Applicant should ensure the following before submission of online application and uploading supporting documents:
i. All the required certificates are properly filled in and signed by the competent authority and affixed office seal at specified place before uploading to the online application.
ii. The photograph and Signature image to be uploaded must be clear and conforming to the prescribed specifications.
iii. The applicant should select the course/courses which he/she desires to study while applying online.
iv. The candidate should maintain confidentiality of the password created at the time of registration for submission of online application and keep it in safe custody till the end of allotment process.
5. The defects in the Online Application will be displayed in the Candidate Portal of the website of CEE. The candidate should visit the website of the CEE regularly for notifications and updates. The defects if any which will be available in the Candidate Portal should be cleared by the candidates within the stipulated time notified by CEE. No memo will be sent by post from this office in the case of defective applications.
6. Candidates should submit only one online application for admission to any or all of the courses in KEAM 2020.
7. Candidates except SC/ST/OEC category should upload income certificate also while applying online for availing income based fee concession/ scholarship.
8. Online option confirmation is Mandatory for participating in each phase of allotment.

## 



 ேேேைாைஸ゙.
























 ms๘ேைைைறைஸ゙.

## 


















 ๓ைஸ゙.







 Coவณிర





















## 




## （d）صிし兀 నிவரก









 ๑ேயேள்ாைஸ゙．

## 














 வேயுள்ணைஸ゙．





 ๓งஸ．




CONTENTS

| Clause | ITEM | Page <br> No. |
| :---: | :--- | :---: |
| 1 | Introduction | 7 |
| 2 | Courses, Institutions and Seats | 8 |
| 3 | Duration of the Courses | 9 |
| 4 | Reservation of seats for various Courses | 9 |
| 5 | Claims for Reservation and Certificates to be <br> uploaded | 12 |
| 6 | Criteria of Eligibility for Admission | 23 |
| 7 | How to Apply for the Entrance Examination | 27 |


| SI. No | ANNEXURES | Page No. |
| :---: | :---: | :---: |
| 1 | Syllabus for the Entrance Examinations | 54 |
| II (1) (a) | List of Engineering/Architecture Colleges | 66 |
| II (1) (b) | Description of Course Codes | 74 |
| II (2) (a) | Engineering courses - Distribution of seats under Special Reservation Categories (Govt./Aided Colleges) | 75 |
| II (2) (b) | Engineering courses - Distribution of seats under Special Reservation Categories (Private Self Financing Colleges) | 76 |
| III (1) | List of Medical \& Dental Colleges | 79 |
| III (2) | MBBS / BDS courses - Distribution of seats under Special Reservation Categories | 81 |
| III (3) | MBBS / BDS Courses - Central Government Reserved seats - Authorities | 82 |
| IV (1) | List of Homoeopathic Medical Colleges | 82 |
| IV (2) | BHMS course - Distribution of seats under Special Reservation Categories | 83 |
| V (1) | List of Ayurveda Colleges | 83 |
| V (2) | BAMS course - Distribution of seats under Special Reservation Categories | 84 |
| VI (1) | Siddha (BSMS) Course - Distribution of seats | 84 |
| VI (2) | Unani (BUMS) Course - Distribution of seats | 84 |
| $\mathrm{VI}(2)(\mathrm{a})$ | All India Quota seats in Self Financing Ayurveda / Siddha/Unani Colleges | 85 |
| VI (3) | B.Pharm Course - Distribution of seats | 85 |
| $\mathrm{VI}(3)(\mathrm{a})$ | B.Pharm course - Distribution of seats under Special Reservation Categories | 86 |
| VI (3)(b) | B.Pharm Courses - Central Government Reserved seats - Authorities | 87 |
| VII (1) | Courses under the KAU | 87 |
| VII (2) | Courses under the KVASU | 87 |
| VII (3) | Courses under the KUFOS | 88 |
| VII (4) | Medical Allied courses - <br> Distribution of seats under Special Reservation Categories | 89 |


| Clause | ITEM | Page <br> No. |
| :---: | :--- | :---: |
| 7.4 | Online Submission of Application | 28 |
| 9 | Examinations | 31 |
| 10 | Special Instructions to the Candidates | 38 |
| 11 | Centralized Allotment Process (CAP) <br> and Online submission of Options | 41 |
| 12 | Fees | 48 |
| 13 | Courses, Institutions - Special features | 51 |
| 14 | Other items | 52 |


| SI. No | ANNEXURES | Page No. |
| :---: | :---: | :---: |
| VIII | List of Scheduled Castes | 90 |
| IX | List of Scheduled Tribes | 91 |
| X | List of Other Eligible Communities | 91 |
| X (a) | List of Communities Eligible for Educational Concessions as is applicable to Other Eligible Communities | 92 |
| XI | List of Socially \& Educationally Backward Classes | 93 |
| XII | Guidelines for the issue of 'Certificate Showing School Studies in Kerala' | 94 |
| XIII (a) | Proforma Certificate for reservation under Ex-Service men / Dependant of Defence Personnel Killed / Missing/ Disabled in action / Died-in-harness categories | 95 |
| XIII (b) | Proforma Certificate for reservation under Serving Defence Personnel / Paramilitary Force personnel categories | 95 |
| $\begin{aligned} & \text { XIV } \\ & \text { (a)\&(b) } \end{aligned}$ | Proforma Certificate for Service Candidates / Nominees / Departmental Candidates | 96 |
| XV | Proforma for Inter-caste Marriage Certificate | 97 |
| XVI | Proforma for Income Certificate for Children of Agriculturists / Fishermen | 98 |
| XVII (a) | Proforma for Physical Fitness Certificate - Forestry Course | 99 |
| XVII(b) | Proforma for Physical Fitness Certificate Engineering / Medical / Agricultural/ Veterinary Courses | 99 |
| XVIII(i) | Guidelines for issuing Income Certificate | 100 |
| XVIII(ii) | Kerala State Sports Council - Norms Admission to Professional Courses | 102 |
| XIX | Proforma for Authorisation Letter for the Centralised Allotment Process (CAP) | 105 |
| XX | Important clauses of Prospectus and Instructions for Online Submission of Applications - Malayalam version | 106 |
| XXI | Details of Online Allotment in Malayalam | 133 |
| XXII | Anti ragging - Proforma for declaration | 135 |
| XXIII | Specimen OMR Sheet | 136 |
| XXIV (i) | MCI Guidelines for Admissionto PwD quota | 137 |
| XXIV <br> (ii) | CCH Guidelines for Admissionto PwD quota | 139 |
| XXV | Bond for liquidated Damages | 142 |

## 1. INTRODUCTION

1.1 Prospectus for Admission to Professional Degree Courses 2020, which has been approved by the Government of Kerala, is published herewith. It contains general information and rules relating to the Entrance Examinations for Admission to Professional Degree Courses 2020, and other connected matters. Candidates are required to go through the Prospectus carefully and acquaint themselves with all the relevant information relating to the examinations/allotments. Candidates are also requested to visit the website of the Commissioner for Entrance Examinations 'www.cee.kerala.gov.in' regularly for notifications and announcements.
1.2 (a) The prospectus issued in previous years is not valid for the year 2020.
(b) The English Version of the Prospectus shall only be considered as authentic, in the case of dispute in any of the Clauses of the Prospectus for admission to Professional Degree Courses, 2020 (KEAM-2020).
1.3 This prospectus sets out the rules and regulations for selection and admission to the following professional degree courses conducted by the various authorities within the State of Kerala.
1.3.1 Engineering Courses:

Bachelor of Technology [(B.Tech.)includes all Courses listed in Annexure II (1)(b)]
B.Tech. (Agricultural Engineering) [B.Tech. (Agri. Engg.)]
B.Tech. (Food Technology) [B.Tech. (Food Tech)]
B.Tech. (Dairy Technology)
B.Tech. (Food Technology) [B.Tech. (Food Tech)]
1.3.2 Architecture Course :

Bachelor of Architecture (B.Arch.)
1.3.3 Medical Courses:

Bachelor of Medicine and Bachelor of Surgery (MBBS)
Bachelor of Dental Surgery (BDS)
Bachelor of Ayurvedic Medicine and Surgery (BAMS)
Bachelor of Siddha Medicine and Surgery (BSMS)
Bachelor of Homoeopathic Medicine and Surgery (BHMS)
Bachelor of Unani Medicine and Surgery (BUMS)
1.3.4 Agriculture \& Forestry Courses:

Bachelor of Science-Agriculture [BSc.(Hons.) Agri.]
Bachelor of Science-Forestry [BSc.(Hons.) Forestry]
1.3.5 Veterinary Course :

Bachelor of Veterinary Science \& Animal Husbandry (BVSc. \& AH)
1.3.6 Fisheries Course :

Bachelor of Fisheries Science (BFSc.)
1.3.7 Pharmacy Course:

Bachelor of Pharmacy (B.Pharm)
1.4 a) Admission to Engineering courses shall be regulated on the basis of merit as assessed by giving equal weightage of $50: 50$ to the marks obtained in the Entrance Examination for Engineering (Paper I \& Paper II put together), and the grade/marks obtained for Mathematics, Physics and Chemistry put together in the final year of the qualifying examination, after effecting the standardization procedure as described in Clause 9.7.4(b), for computing the Index mark out of 600. In case, the candidate has not studied Chemistry, the marks obtained in Computer Science shall be considered. In case, the candidate has not studied Chemistry and Computer Science, the marks obtained in Biotechnology shall be considered. In case, the candidate has not studied Chemistry, Computer Science and Biotechnology, the marks obtained in Biology shall be considered. The marks as shown in the mark list obtained from the Board of Examination of respective Higher Secondary Board shall be considered for academic eligibility.
b) For admissions to the Architecture course*, the merit as assessed by giving equal weightage to the marks obtained in the 'National Aptitude Test in Architecture' [NATA], conducted by the Council of Architecture (COA), and the grade/marks in the qualifying examination will be the criterion. [*As per directives of the Council of Architecture, India.]
c) Admission to Medical courses, Agriculture, Forestry, Veterinary and Fisheries courses are regulated on the basis of merit as assessed in the National Eligibility cum Entrance Test (NEETUG 2020) conducted by the National Testing Agency (NTA).
d) Admission to the B.Pharm course is regulated on the basis of marks obtained in the Paper-I (Physics \& Chemistry) of the Kerala Engineering Entrance Examination and the rank list prepared based on this as in clause 9.7.4(f).
1.5 The Rank lists shall include all candidates qualified in the respective Entrance Examinations conducted by the Commissioner for Entrance Examinations, Kerala/ National Testing Agency (NTA), irrespective of their academic eligibility and category (For admission purposes refer clauses 6.2, 9.7.11(c), 11.4.6 and 11.7.2).
1.6 This Prospectus is subject to modification/addition/deletion, as may be deemed necessary by the Government.
1.7 Allotment of seats from the Rank Lists for all courses in Self-financing colleges will be made in accordance with the orders of the Hon'ble Supreme Court of India / Hon'ble High Court of Kerala or orders of the Govt. of Kerala/Govt. of India/ as per the law in existence at the time of Centralised Allotment Process (CAP) and will be notified separately.
2. COURSES, INSTITUTIONS AND SEATS
2.1 Categorization of Seats in Government and Aided Institutions:
2.1.1 Government seats: Merit seats against which the Commissioner for Entrance Examinations makes allotment are called 'Government Seats'.
(a) Government seats are available in all the Govt. and Aided Colleges.
(b) The availability of Government seats in Self-financing Colleges run by institutions under Govt. control and Private Self-financing colleges will be notified separately. Those candidates who seek admission in Private Self-financing colleges are bound to accept the conditions stipulated in the agreement between Government and Self-financing College Management(s) and deemed to have accepted such conditions.
2.1.2 Management Seats: The seats set apart in the Aided institutions, to be filled up by the Managements concerned are called Management Seats.
2.2 Categorization of Seats in Self-Financing Institutions:

The categorization of seats in Self-financing Colleges run by institutions under Govt. control and other Private Self-financing colleges will be notified separately. "As per the orders of the Hon'ble Supreme Court of India dated: 09.05.2017 on WP(C) No. 267/2017, the allotments/admissions to the State Quota seats in all the Government as well as Private Self Financing Medical and Dental colleges shall be done through a Common Counselling to be conducted by the Commissioner for Entrance Examinations. The Common Counselling will include NRI seats in Self Financing Medical \& Dental Colleges and Minority Community Quota seats in Private Self Financing Medical \& Dental Colleges having Minority Status."
2.3 Engineering Courses:
2.3.1 The B.Tech. Degree courses affiliated to various Universities in Kerala, under the semester scheme of studies comprise eight semesters.
2.3.2 The B.Tech. (Agricultural Engineering) and the B.Tech. (Food Technology) courses under the Kerala Agricultural University [KAU].
2.3.3 The B.Tech. (Dairy Technology) and B.Tech (Food Technology) courses under the Kerala Veterinary and Animal Sciences University [KVASU].
2.3.4 The B.Tech. (Food Technology) course under the Kerala University of Fisheries and Ocean Studies [KUFOS].
2.3.5 The list of Engineering Colleges and the courses offered are given in Annexure II (1)(a), VII(1), $\mathrm{VII}(2)$. The list is tentative and not complete. The final list will be published by the CEE, prior to commencement of the Centralised Allotment Process 2020 (CAP- 2020).
2.4 Architecture Course: B.Arch. Degree course extends over 10 semesters including one semester for practical training and one semester for thesis work. (Refer to Annexure II (1)(a) for the Institutions offering the B.Arch. Course). The list is tentative and not complete. The final list will be published prior to the commencement of the CAP- 2020.

### 2.5 Medical Courses:

2.5.1 The Medical courses include MBBS, BDS, BAMS, BSMS, BHMS \& BUMS under the Kerala University of Health Sciences.
2.5.2 The list of institutions in which Medical courses are offered, the number of seats available, etc. are given in Annexure III (1), IV (1), V (1), VI (1) \& VI (2). The list is tentative and not complete. The final list will be published prior to the commencement of CAP- 2020.
2.6 Agriculture and Forestry Courses (Under Kerala Agricultural University): The list of colleges, the courses offered, the number of seats available, etc. are given in Annexure VII (1).
2.7 Veterinary Course (Under Kerala Veterinary \& Animal Sciences University): The list of Veterinary colleges, the number of seats available, etc. are given in Annexure VII (2).
2.8 Fisheries Course (Under Kerala University of Fisheries \& Ocean Studies): The list of Fisheries colleges, the number of seats available, etc. are given in Annexure VII (3).
2.9 Pharmacy Course
2.9.1 B.Pharm course under Kerala University of Health Sciences.
2.9.2 The list of institutions in which B.Pharm course is offered, the number of seats available etc. are given in Annexure VI (3). The list is tentative and not complete. The final list will be published prior to the commencement of CAP-2020.
2.10 Allotment and admission to all Colleges/Courses under Engineering/Architecture/ B.Pharm/ Medical/ Agriculture/Veterinary/Fisheries streams will be subject to the receipt of approval of the Central and State Regulatory Bodies, Universities and Government.
3. DURATION OF THE COURSES

| Course | Duration <br> (Years) | Compulsory rotating <br> internship |
| :--- | :--- | :--- |
| MBBS, BDS, BHMS, BAMS, BUMS, BSMS | $41 / 2$ | 12 months programme |
| BSc. (Hons.) Agri., BSc. (Hons.) Forestry, <br> BFSc., B.Tech. (Agri. Engg.), B.Tech. (Food <br> Technology), B.Tech. (Dairy Technology), <br> B.Tech (Food Technology) | 4 |  |
| BVSc. \& AH | $4 \frac{1}{2} / 2$ | 12 months |
| B.Tech. | $4(8$ Sem.) |  |
| B.Arch. | $5(10$ Sem.) | 6 months* $^{*}$ |
| B.Pharm | $4^{* *}$ |  |

*Included in Course Duration
**If clinical training facility is specified for the course, it will be part of the course and the student is not eligible to get stipend during such training period.

## 4. RESERVATION OF SEATS FOR VARIOUS COURSES

4.1 Types of Reservation in Government/Aided/KAU/KVASU/KUFOS Colleges : Out of the total seats available for the various courses, seats will be reserved for different categories as given under Clauses 4.1.1 to 4.1.5.
4.1.1 (i) Reservation for All India Quota for MBBS/BDS Courses in Govt. Medical/Dental Colleges:

Fifteen percent of the total sanctioned seats in MBBS/BDS Courses in Govt. Medical/Dental Colleges in the State are set apart for the allotment of the candidates by the Director General of Health Services, Government of India on the basis of the rank obtained in the NEET-UG 2020 conducted by the National Testing Agency (NTA), New Delhi.
(ii) Reservation for All India Quota for MBBS Courses in Self-Financing Medical colleges:-

Fifteen percent of the seats for the admission of students to MBBS Courses in Self-Financing Medical Colleges in Kerala are set apart for the allotment of candidates irrespective of their Domicile as per the rank list prepared by the Commissioner for the Entrance Examinations on
the basis of the rank obtained in the NEET-UG 2020 conducted by the National Testing Agency (NTA) New Delhi. see clause 4.1.11(a)
(iii) Reservation for All India Quota for BAMS/BHMS/BSMS/BUMS Courses:-

Fifteen percent of the total sanctioned seats in BAMS/BHMS/BSMS/BUMS Courses in Government/Aided/Self-Financing colleges in the state are set apart for the allotment of candidates by the AYUSH Admission Central Counselling Committee (AACCC) on the basis of the rank obtained in the NEET-UG 2020 conducted by the National Testing Agency (NTA), New Delhi, (Refer Clause 4.1.13)
4.1.2 Reservation for Nominees: These are the seats set apart for the nominees of the Government of India, Union Territories or other States for the various courses. [For details, refer Clauses 4.1.11 (b), 4.1.12, 4.1.13, 4.1.14, 4.1.15]
4.1.3 Reservation for Persons with Disabilities: Leaving the seats set apart under Clauses 4.1.1, 4.1.2 above, all types of supernumerary seats sanctioned or to be sanctioned including but not limited to the seats sanctioned for reservation for Economically Weaker Sections in general category, five percent of the seats available for the state for allotment from the Entrance rank lists, for all the courses in all the Government and Aided colleges are reserved for the candidates with Benchmark disabilities. [For details, refer Clause 5.3]
4.1.4 Special Reservation: These are the seats reserved for certain specific categories, for different courses. [For details, refer Clause 5.2]
4.1.5 Mandatory Reservation : Leaving the seats set apart for All India Quota, Government of India Nominees, Special reservations, Persons with Disabilities, all types of supernumerary seats sanctioned or to be sanctioned including but not limited to the seats sanctioned for reservation for Economically Weaker Sections in general category, and Management Quota, the remaining Government seats for each course in Govt./Aided/KAU/KVASU/KUFOS Colleges will be distributed as per the mandatory reservation principle as contemplated in G.O. (P) 208/66/Edn. Dated 2.5.1966, G.O.(Ms)No.95/08/SCSTDD Dated 06.10.2008, GO(Ms) No. 10/2014/BCDD Dated 23.05.2014 and as modified from time to time.

The percentage break-up of seats as per mandatory reservation is as follows:

| (A) |  | State Merit (SM) | $-60 \%$ |
| :--- | :--- | :--- | :--- |
| (B) |  | Socially and Educationally Backward Classes (SEBC) | $-30 \%$ |
|  | a. | Ezhava (EZ) | $-9 \%$ |
|  | b. | Muslim (MU) | $-8 \%$ |
|  | c. | Other Backward Hindu (BH) | $-3 \%$ |
|  | d. | Latin Catholic and Anglo Indian (LA) | $-3 \%$ |
|  | e. | Dheevara and related communities (DV) | $-2 \%$ |
|  | f. | Viswakarma and related communities (VK) | $-2 \%$ |
|  | g. | Kusavan and related communities (KN) | $-1 \%$ |
|  | h. | Other Backward Christian (BX) | $-1 \%$ |
|  | i. | Kudumbi (KU) | $-1 \%$ |
| (C) |  | Scheduled Castes \& Scheduled Tribes | $-10 \%$ |
|  | a. | Scheduled Castes (SC) | $-8 \%$ |
|  | b. | Scheduled Tribes (ST) | $-2 \%$ |

Note: 1) As per GO(Ms) No. 46/2015/SCSTDD dated: 23.06.2015, the reservation pattern in Govt. Medical College, Palakkad (Institute of Integrated Medical Sciences, Palakkad) will be as follows: Scheduled Caste - 70\%, Scheduled Tribe - 2\%, General Merit - 13\% and All India Quota-15\%.
2) As per GO(Rt.)No. 1621/2017/H\&FWD dated 08.06.2017, The reservation pattern in Government Medical College, Kollam will be as follows: State Quota-50\%, Wards of Insured India Quota-15\%.
4.1.6 The total number of seats available for the different courses will be published prior to the commencement of CAP-2020.
4.1.7 Admission to all the Government seats except the seats reserved for All India Quota for MBBS/BDS Courses and Nominees will be made on the basis of respective rank lists/inter-se merit as may be applicable.
4.1.8 The number of seats earmarked for various categories for the different courses in Government and Aided Colleges will be finalised before CAP-2020.
4.1.9 Reservation of seats for Engineering Courses [B.Tech.] : The number of seats reserved for Government of India Nominees, Reciprocal quota and Special reservation categories is given in Annexure II (2) (a).
4.1.10 Reservation of seats for B.Arch. Course : The number of seats reserved for Government of India Nominees and Special reservation categories is given in Annexure II (2)(a).

### 4.1.11 Reservation of seats for MBBS \& BDS Courses

(a) Reservation of seats under All India Quota: Details of seats in Government Medical/Dental Colleges are given in Annexure III (2). Details of seats in Self-Financing Medical colleges will be notified separately.
(b) Reservation of seats for Nominees:
(i) Nominees of the Government of India: The Government of India, subject to the eligibility conditions in clause 6, will make Nominations to these seats. The distribution of seats under this category and other details in respect of MBBS/BDS courses are available in Annexure III (2).
(ii) Nominees from Union Territory of Andaman \& Nicobar Islands: These seats are reserved for the candidates of Kerala origin settled in the Union Territory of Andaman and Nicobar Islands. Nominations to these seats will be made by the Administration of that Union Territory and the candidates must possess the requisite qualifications as provided under Clause 6. The distribution of seats is given in Annexure III (2).
(iii) Nominees from Lakshadeep: Seats are reserved for the candidates of Kerala origin settled in Lakshadeep. The candidates should be sponsored by the Administration of that Union Territory and must possess the requisite qualifications as per Clause 6. The distribution of seats is given in Annexure III (2).
(iv) Nominee from Jammu \& Kashmir: One seat for MBBS will be reserved in a Govt. Medical College (by rotation every year in the order TVM, ALP, KTM, TCM, KKM, MLP and CMC) for a nominee from Jammu \& Kashmir. Candidate to this seat should be sponsored by the Government of Jammu and Kashmir through the Higher Education Secretary of the State. This year, the seat will be reserved in Government Medical College, Thiruvananthapuram [See Annexure III(2)].
Admission to the seats under 4.1.11(b)(i) to 4.1.11(b)(iv) above should be completed by the admitting authority by $\mathbf{3 1 . 0 7 . 2 0 2 0}$. The Director of Medical Education will inform the CEE, through Government of Kerala, the un-availed seats in these categories on 01.08.2020 itself. Such seats will be reverted to the mandatory quota.
4.1.12 Reservation of seats for BHMS Course : The number of seats reserved under nominees and special reservation categories are given in Annexure IV (2).
4.1.13 (a) Reservation of seats for BAMS Course : The number of seats reserved under nominees and special reservation categories under All India Quota are given in Annexure V (2). In the case of Foreign students given by ICCR, the ICCR should inform those application details before 45 days from the cut-off date of BAMS course fixed by Central AYUSH Ministry. If there is any vacancy in the seats reserved in any of the categories of foreign students/Nationals of Malaysia, the same shall be filled from the other category and if there is any vacancy remaining after 01.10.2020 in the above said categories, the same shall be converted to state merit.
(b)Reservation of seats for BSMS/BUMS Courses : The seat details of BSMS/BUMS Courses including All India Quota are given in Annexure $\mathrm{VI}(1), \mathrm{VI}(2), \mathrm{VI}(2)(a)$ respectively.
4.1.14 Reservation of seats for Courses under the Kerala Agricultural University : [BSc. (Hons.) Agri., BSc. (Hons.) Forestry, B.Tech. (Agri. Engg.), B.Tech. (Food Technology)], Kerala Veterinary \& Animal Sciences University : [BVSc \& AH, B.Tech. (Dairy Technology.) and B.Tech (Food Technology)],Kerala University of Fisheries \& Ocean Studies : BFSc, B.Tech (Food Technology).
(a) The number of seats reserved for the various special reservation categories is given in Annexure VII (4).
(b) The seats available for Agriculture, Veterinary and Fisheries courses in Annexure VII (4) will be filled only with the concerned category of candidates. If students are not available in the respective category, the seats will be filled from the General quota. (Also refer to Clause 5.2.15)
(c) One seat is reserved for Jewish Community, for one of the courses on rotation basis in the order of BSc. (Hons.) Agri., BVSc \& AH, BSc. (Hons.) Forestry, B.Tech. (Agri. Engg.) and B. Tech. (Dairy Technology). This year the seat is reserved in BSc. (Hons.) Agri. course.
One seat is reserved for Jewish Community, for BFSc Course.
4.1.15 Reservation of seats for B.Pharm course: The number of seats reserved for Government of India nominee and Special Reservation categories in B.Pharm Course is given in Annexure $\mathrm{VI}(3)(\mathrm{a})$.
4.2 Types of reservation in Self financing Colleges: The reservation of seats in Self-financing Colleges run by institutions under Govt. control and Private Self-financing colleges will be notified separately.
4.3 Reservation of Seats for Economically Weaker Sections in general category: As per the G.O (P) No.1/2020/P\& ARD dated 03.01.2020, Government have decided to implement reservation for Economically Weaker Sections in general category (EWS) to all Higher educational institutions other than minority institutions, where reservation to other backward classes are provided. In the case of courses/institutions, for which the supernumerary seats required for implementation of EWS quota are not already sanctioned by the concerned Central Council, the institution wise breakup under EWS quota will be notified separately as and when the required supernumerary seats are sanctioned.

## 5. CLAIMS FOR RESERVATION AND CERTIFICATES TO BE UPLOADED

Note: (i) Claims for Special/Mandatory reservations must be made by a candidate in the online application and the supporting documents shall be uploaded to the online application within the stipulated time. The claim has to be specified in the application in the appropriate places. Claims made after the submission of online application will not be entertained even if supporting evidences are produced. The claims for Special and Mandatory reservation once made in the application cannot be altered by the candidate under any circumstance.
(ii) Only candidates belonging to 'Keralite' category as defined in Clause 6.1(i), are eligible for claiming seats under Mandatory quota in Government/Aided Colleges, and Special reservation quota unless otherwise specified in the prospectus. Details of reservation of seats, if any, in Self-financing colleges will be notified separately.
5.1 Reservation for Nominees: The categories of candidates who are entitled to the Central Government reserved seats for admission to MBBS/BDS courses, and the authorities to whom applications are to be sent, are given in Annexure III (3). Categories of candidates who are entitled for reservation under nominees for Government BHMS \& BAMS courses are available in Annexure IV (2), V(2) and Self-Financing BAMS/BSMS/BUMS courses are available in Annexure $\mathrm{VI}(2)(a)$ respectively. Categories of candidates who are entitled for reservation under nominees for B. Pharm Course are available in Annexure VI (3)(b).
5.2 Claim for Special Reservation:
(i) Selection under special reservation categories for admission to MBBS, BDS, BAMS, BHMS, Agriculture, Forestry, Veterinary \& Fisheries courses
In the case of special reservation seats earmarked for MBBS, BDS, BAMS,BHMS, Agriculture, Forestry, Veterinary \& Fisheries courses, which are filled on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE, only those candidates satisfying the eligibility conditions as per Clauses 6 and $9.7 .5(\mathrm{ii}) \& 9.7 .5$ (iii) will be considered.

In the case of candidates whose admissions are governed by inter-se merit list, only those candidates who figure in the Kerala State Rank List of NEET-UG 2020 prepared by CEE as stipulated in pre-para will be considered while preparing the inter-se merit list for admission to MBBS, BDS, BAMS,BHMS, Agriculture, Forestry, Veterinary \& Fisheries courses.
(ii) All the candidates seeking admission under the 'Special Reservation Categories' will have to appear for the Entrance Examination concerned and find place in the respective rank list. In case the admissions are based on inter-se merit list, only those candidates who have been included in the respective rank lists will be considered for preparing the inter-se merit list.
(iii) Candidates should mention the item of reservation claimed in the relevant columns in the application and should be otherwise eligible as per Clause 6.
(iv) Candidates should upload required certificates in the prescribed format to the online application within the stipulated time, as mentioned for each item, in support of the claim from Clauses 5.2.1 to 5.2.15.
(v) Selection to the seats mentioned from 5.2 .1 to 5.2 .14 will be made on the basis of rank in the respective rank list. Selection to the seats mentioned from 5.2 .15 to 5.2 .17 will be made on the basis of the inter-se merit of the candidates in the merit list prepared for the purpose. For special reservations mentioned from 5.2.15 to 5.2.17, only those candidates who are included in the respective rank list will be considered for inclusion in the inter-se merit list.
(vi) In cases where candidates are to be allotted to the 'Special Reservation' seats of Engineering/Architecture/B.Pharm/Medical/Agriculture/Veterinary/Fisheries courses on the basis of inter-se merit list, the authorities concerned will forward to the Commissioner for Entrance Examinations, the preliminary merit list of candidates prepared on the basis of the proficiency of the candidate in the respective fields. Such preliminary proficiency list should reach the Office of the Commissioner for Entrance Examinations on or before $30^{\text {th }}$ April 2020. Lists received after this date will not be entertained under any circumstance and such seats will be merged to the Mandatory reservation quota.
(vii) Seats under Special Reservation in Self-financing colleges, if available, will be notified separately. Such seats, if any, will not be shifted to Government/Aided colleges under any circumstance. The details of Special Reservation seats earmarked in Govt./Aided Colleges are given in Annexure II (2) (a), III (2), IV (2), V (2), VI (3)(a) and VII (4).
5.2.1 Ex-servicemen Quota (XS): Applicants to this category should invariably upload to the online application, a certificate in Annexure XIII (a) obtained not earlier than six months from the last date of application from the Zilla Sainik Welfare Officer concerned to the effect that he/she is the son/daughter of ex-serviceman or an ex-serviceman himself/herself. The certificate should clearly show that the benefit of reservation has not been granted earlier to any member in the family. In the absence of the certificate, the claim will not be considered.
5.2.2 Dependent of Defence Personnel Killed / Missing / Disabled in action (DK): This benefit will be available to one person only from the family concerned in respect of each defence person killed in action/missing in action/disabled either during war hostilities or in peace time circumstances of which are identical to activities during operational engagements. They should invariably upload a certificate in Annexure XIII (a) to the online application obtained not earlier than six months from the last date of application from the Zilla Sainik Welfare Officer concerned to the effect that he/she is the son/daughter/widow of the defence person who was killed in action or missing in action or disabled in action. In the case of disabled personnel, the certificate should specify that the concerned person was/is in receipt of disability pension. The certificate should clearly show that the benefit of reservation has not been granted earlier to any member in the family. In the absence of the certificate, the claim will not be considered.
If no suitable candidate under this category is available for the concession, as per the existing order/rules, the seats reserved for them will be given to the son/daughter/widow of the defence personnel who died in harness (HR), if they are otherwise eligible as per Clause 6. They should upload a certificate in Annexure XIII (a) to the online application obtained not earlier than six months from the last date of application from Military Authority/Zilla Sainik Welfare Officer to the effect that the defence personnel had died while in service. The certificate should clearly show that the benefit of reservation has not been granted
earlier to any member in the family. In the absence of the certificate, the claim will not be considered.
If there are still no suitable candidates under this category, the seats reserved for the children/widow of defence personnel killed in action/missing in action/disabled will be given to children of Serving Defence personnel or in their absence to ex-servicemen/ children of exservicemen.

Only one candidate from a family will be eligible for Special Reservation quota under Clauses 5.2.1 \& 5.2.2.
5.2.3 Serving Defence Personnel (SD): Seats are reserved for sons/daughters of serving defence personnel from Kerala for admission to Engineering/Medical/Agricultural/Veterinary Courses. Candidates seeking reservation under this category should upload a certificate in Annexure XIII (b) to the online application obtained not earlier than six months from the last date of application from the Officer Commanding to the effect that the candidate is the son/daughter of serving defence personnel, with details of the station where he/she works at present. Certificate obtained for other purposes will not be considered.
5.2.4 CAPF (RP): Seats are reserved for sons/daughters of personnel serving in Central Armed Police Force/Dependent of Armed Police Force Personnel Killed/Missed/Disabled in Action. The Central Armed Police Force (CAPF) include the organizations such as Assam Rifles (AR), Boarder Security Force (BSF), Central Reserved Police Force (CRPF), Central Industrial Security Force (CISF), Indo-Tibetan Border police (ITBP), National Security Guard (NSG), Sastra Seema Bal (SSB). Candidates seeking admission under this category should upload a certificate in Annexure XIII (b) to the online application obtained from the Officer Commanding under whom they are serving/were serving to that effect. The certificate should have been obtained not earlier than six months from the last date of online application. The purpose of issue should be shown clearly and the certificate issued for other purposes are not acceptable in any case.
Note:- Seats will be reserved for the candidates eligible for reservation under XS, DK, SD, RP, SP $\&$ CC categories as defined in Clauses 5.2 .1 to $5.2 .4,5.2 .16$ \& 5.2 .17 above in Private Self Financing Engineering/ Architecture Colleges as listed in Annexure II (2) (b).
5.2.5 Jewish (JW) Quota (For MBBS/BDS courses): One seat each will be reserved for Jewish community for admission to MBBS and BDS. In case candidates from the community become unavailable, the seat will merge with the mandatory reservation quota. The selection will be on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE. The candidate claiming reservation under the Jewish community quota should upload, a certificate from the Village Officer/Tahsildar to the online application to the effect that he/she belongs to Jewish community. In addition, candidates desirous of being considered for any fee concession/ scholarship/ any other benefits, based on annual family income should upload Income Certificate from concerned Village Officer to the online application.
5.2.6 Degree holders in MBBS, BHMS (OA) (For BAMS course): One seat in BAMS course will be reserved for the candidates having MBBS Degree/BHMS Degree recognised by any one of the Universities in Kerala, subject to the eligibility conditions under clause 6. Admission to the course is based on the Kerala State Rank List of NEET-UG 2020 prepared by the CEE. The candidates should upload to the online application MBBS degree/BHMS degree certificate, as the case may be, to prove eligibility. Internship certificate and registration certificate should also be uploaded in support of the claim to the online application. [Refer Annexure $\mathrm{V}(2)$ ]
5.2.7 Degree holders in Ayurveda (DA) (For MBBS course): Seven seats are reserved for Degree holders in Ayurveda recognized by any of the Universities in Kerala for MBBS course subject to the eligibility conditions as per Clause 6. Admission will be given to Degree holders on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE. Candidates should upload (a) Degree certificate, (b) Internship certificate, and (c) Registration certificate, in support of the claim to the online application. [Refer Annexure III (2)]
5.2.8 Degree holders in Homoeopathy (DH) (For MBBS course): Four seats in the MBBS course are reserved for holders of Degree in Homoeopathy recognised by the Government under the schedule to the T.C. Medical Practitioners' Act, 1953 subject to the eligibility conditions in

Clause 6. Admission will be given to the Degree holders on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE. Candidates should upload (a) Degree certificate, (b) Internship certificate, and (c) Registration certificate in support of the claim, to the online application. [Refer Annexure III (2)]

Note: The candidates applying for the quota of seats specified under Clauses 5.2.6, 5.2.7 \& 5.2 .8 should complete their internship before the last date of submission of KEAM-2020 online applications.
5.2.9 Degree Holders in MBBS/BAMS/BVSc \& AH/ BSc (Hons) Agri/ BFSc/ BSc(Hons) Forestry (OH) (For BHMS Course): One seat in BHMS Course will be reserved for the candidates having MBBS/BAMS/BVSc.\& AH/BSc. (Hon.) Agri./BFSc./BSc. (Hon.) Forestry Degree recognised by any of the Universities in Kerala. Admission will be given on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE and subjected to the eligibility conditions in Clause 6. Candidates should upload to the online application the Degree certificate and if the degree has been taken from outside the State, an eligibility/equivalency certificate of the degree from any of the Universities in Kerala, should also be uploaded to the online application.
5.2 .10 (i) Nurse-Allopathy (NQ): One seat under this quota for MBBS course is reserved for Nurses (Allopathy) in regular service under Government of Kerala in the order of priority, a) Staff Nurse with B.Sc Nursing qualification, b) Staff Nurse with General Nursing and Midwifery qualification, c) JPHN. Candidates should upload a Service Certificate in Annexure XIV (a) from the Head of Office, stating that the candidate is a Regular Employee in the State Government Service and a registration certificate issued by the Kerala Nurses \& Midwives Council to the online application. Admission will be given on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE and subjected to the eligibility conditions in Clause 6. The candidates who have undergone Nursing Course outside the State should obtain the Registration Certificate issued by the Nursing Council of respective State and upload to the online application.
(ii) Nurse/Pharmacist-Homoeopathy (NH): In the case of BHMS course one seat is reserved for Nurses/Pharmacist(Homoeo) and such candidate should have passed the Higher Secondary or equivalent examination in addition to the Government recognised course in Nursing/ Pharmacy (Homoeo). Admission will be given on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE. Candidate should upload a service certificate in Annexure XIV (b) from the Head of the Office in Kerala stating that he/she is a regular employee in Government service working as Nurse/Pharmacist (Homoeo) to the online application.
(iii) Nurse-Ayurveda (NY): In the case of BAMS course one seat is reserved for Nurses (Ayurveda) and such candidate should have passed the Higher Secondary or equivalent examination. Admission will be given on the basis of the Kerala State Rank List of NEET-UG 2020 prepared by the CEE. Candidate should upload a service certificate in Annexure XIV (b) from the Head of the Office in Kerala, stating that he/she is a regular employee in Government service working as Nurse (Ayurveda) to the online application.
5.2.11 Children of Agriculturists for BSc. (Hons.) Agri. and BVSc. \& AH Courses (CA): An agriculturist should be a person whose main source of income is derived from the agricultural sources including agricultural labour. The parent or guardian of the student shall not be an assesse of Income Tax. The non-agricultural income of the parents or guardian should not be more than Rs.12000/- per annum. The Agricultural income and non-agricultural income of the parent/guardian of the applicant should specifically be mentioned in the income certificate issued by the competent authority not below the rank of Village Officer of the Revenue Department in the prescribed format in Annexure XVI to be uploaded to the online application for KEAM-2020.
5.2.12 Children of Farm Labourers of KAU for BSc.(Hons.) Agri., B.Sc (Hons) Forestry Courses (LG), BVSc \& AH course under KVASU (LV), BFSc course under KUFOS (LF): Candidates seeking reservation under the quota for children of farm labourers of Kerala Agricultural University/Kerala Veterinary and Animal Sciences University/Kerala University of Fisheries and Ocean Studies should upload to the online application a certificate obtained from the Officer concerned in charge of the farm of the Kerala Agricultural University/ Kerala Veterinary and Animal Sciences University/Kerala University of Fisheries and Ocean Studies to that effect. The
seats under this quota in BSc.(Hons.) Agri. and B.Sc (Hons) Forestry Courses are reserved for Children of Farm Labourers of KAU. The seats under this quota in BVSc \& AH course is reserved for Children of Farm Labourers of KVASU. The seats under this quota in BFSc course is reserved for Children of Farm Labourers of KUFOS.
Note: The term 'farm labourers' will mean permanent labourers only.
5.2.13 Children of Fishermen for BFSc. Course (CF): Fishermen are those whose profession is fishing and their main source of income is from fishing. Candidates seeking admission under the quota for children of fishermen should be son/daughter/dependent of a fisherman.
(i) The applicant under this quota should upload a certificate in the prescribed format in Annexure XVI stating that he/she is son/daughter/dependent of the fisherman and stating that the annual family income of the applicant is not more than Rs. 6 lakhs for KEAM-2020.
(ii) Dependants are the son/daughter/brother/sister of fishermen.

## Note:- Certificate received after the time limit prescribed will not be entertained.

5.2.14 Scouts and Guides for Engineering Courses (SG): Two seats are reserved for Rashtrapathi Scouts and Guides for Engineering courses. Candidates seeking reservation under this quota should upload the Rashtrapathi Guide Certificate signed by the President of India to the online application. In the absence of this Certificate, Specimen Certificate signed by the Director of General Education (DGE), Kerala and the State Secretary, Kerala State Bharat Scouts and Guides, will be considered.
5.2.15 (i) Agricultural Assistants (AG)/ VHSE (Agri.) Holders (VA)/ Diploma Holders in Agricultural Science (DG) [For Agricultural courses only]: Candidates, who claim the seats reserved for Agricultural Assistants should obtain a service certificate in the prescribed format in Annexure XIV (b) from the concerned Head of Office and upload it to the online application. They have to send a printout of the confirmation page of the online application with attested copies of all certificates to the Registrar, Kerala Agricultural University, Main Campus, Vellanikkara, Thrissur680656, on or before $20^{\text {th }}$ April 2020. Candidates who claim the seats reserved for Agricultural Assistants shall produce their relieving certificate on the date of admission. The allotment of the seats reserved for Agricultural Assistants should be based on an Entrance Exam conducted by the Kerala Agricultural University. If there are no candidates to that seats, the seat should be reverted to General Category.

Candidates who claim the seats reserved for Diploma holders in Agricultural Science (DG)/ VHSE (Agri.) holders (VA) shall upload the Diploma certificate in Agricultural Science/VHSE (Agri.) Certificate with the online application. Final year VHSE (Agri) students/HSE (Gardener, Floriculturist Open Cultivation, Micro Irrigation Technician, Floriculturist Protected Cultivation courses - as per NSQF stream) students can also claim the seats reserved for VHSE (Agri.) Holders and such candidates should upload the VHSE (Agri.)/ HSE (Gardener, Floriculturist Open cultivation, Micro Irrigation Technician, Floriculturist Protected Cultivation) course certificate with the online application. Such candidates shall produce their pass certificate on the date of admission. The allotment to the seats reserved for Diploma holders in Agricultural Science (DG)/VHSE (Agri.) holders/Final year VHSE (Agri.)/HSE (Gardener, Floriculturist Open Cultivation, Micro Irrigation Technician, Floriculturist Protected Cultivation) students (VA) shall be based on the rank list for the Medical \& Allied courses prepared by the CEE on the basis of NEET-UG 2020 rank list. To claim the seats for BSc. (Hons) Agri. Course reserved for Diploma Holders in Agricultural Science (DG)/VHSE(Agri.) holders (VA)/Final year VHSE (Agri.)/HSE (as per NSQF Agri. stream) candidates must take the NEET-UG 2020.
(ii) Live Stock Inspectors (LS)/Farm Assistant (Vety.) (FV)/Dairy Farm Instructors (DF) [For Veterinary courses only]: Candidates, who claim the seats reserved for Live Stock Inspectors/Farm Assistant (Vety)/Dairy Farm Instructors should obtain a Service Certificate in the prescribed format in Annexure XIV (b) from the concerned Head of Office and upload it to the online application. They have to send a Confirmation page of the application with attested copies of all certificates to the Registrar, Kerala Veterinary \& Animal Sciences University,

Pookot, Lakkidi P O, Wayanad-673 576, on or before $20^{\text {th }}$ April, 2020. Such candidates shall produce their relieving certificate on the date of admission.

To claim (i) Seats for BVSc. \& AH reserved for Live Stock Assistants, Farm Assistant (Vety.) and (ii) Seats reserved for Dairy Farm Instructors of Dairy Development Department for B.Tech. (Dairy Technology), the candidates must take the concerned Entrance Examination (NEET UG2020).

A selection committee constituted by the respective Universities will assign marks to the candidates under Agricultural Assistants (AG) referred in Clause 5.2.15 (i) and the categories referred in 5.2 .15 (ii) out of 500 , considering the academic merit (Higher Secondary $=200$ ) higher qualification $(B S C .=100, M S c .=100)$ and length of service $(100)$. The list of candidates under the respective categories along with the marks allotted to them as above will be prepared and sent to the Commissioner for Entrance Examinations to reach him on or before $30^{\text {th }}$ April 2020.

The marks out of 500, awarded to the candidates for academic merit will be added to the marks obtained by the respective candidates in the respective Entrance Examinations (provided they are ranked in the concerned Entrance Examination), computed out of 500 so that the candidates would be eligible for a maximum of 1000 marks. The merit list for each of the above category would be prepared on the basis of inter-se merit of the candidate as computed above.
(iii) Diploma holders in Laboratory Techniques \& Poultry Production Programmes (DP) conducted by KVASU and VHSE (Livestock Management), HSE (Dairy Farmer Entrepreneur course) (LK):

Candidates who claim the seats reserved for Diploma holders in Laboratory Techniques $\&$ Poultry Production Programmes (DP), conducted by KVASU and VHSE (Livestock Management) holders(LK) shall upload the Diploma certificate in Laboratory Techniques \& Poultry Production Programmes and VHSE (Livestock Management) certificate to the online application. Final year VHSE (Livestock Management) / HSE (Dairy Farmer Entrepreneur course) students can also claim the seats reserved for BVSc.\& AH course and such candidates should upload the course certificate in VHSE (Livestock Management)/ HSE (Dairy Farmer Entrepreneur course) certificates to the online application. Such candidates shall produce their pass certificate on the date of admission. The allotment to the seats reserved for Laboratory Techniques \& Poultry Production Programmes conducted by KVASU and VHSE (Livestock Management)/ HSE (Dairy Farmer Entrepreneur course) shall be based on the rank list for the Medical \& Allied courses prepared by the CEE on the basis of NEET-UG 2020 rank list. To claim the seats for Laboratory Techniques $\&$ Poultry Production Programmes conducted by KVASU and VHSE (Livestock Management)/ HSE (Dairy Farmer Entrepreneur course) the candidates must take the NEET-UG 2020.

Note :(i) Two seats are reserved for Livestock Inspector and one seat is reserved for Farm Assistant (Vety.) for BVSc. \& AH Course. If candidates are not available in any one of these categories during a year, the same will be allotted to the other category.
(ii) A total number of 17 seats are reserved for BSc.(Hons.) Agri. course as follows. Agricultural Assistants (5 seats), VHSE (Agri.) Holders/VHSE/HSE (NSQF Agri. Stream course) students (6 seats) and Diploma Holders in Agricultural Science ( 6 seats). If candidates are not available in any one of these categories, the seats will be filled up from the General quota.
(iii) Two seats will be reserved for Dairy Farm Instructors of Dairy Development Department for B.Tech. (Dairy Technology).
(iv) Three seats will be reserved for Laboratory Techniques \& Poultry Production Programmes and VHSE (Livestock Management)/ HSE (Dairy Farmer Entrepreneur course). If candidates are not available in any one of these categories during a year, the same will be allotted to the other category.
(v) If candidates as per note (i), (ii), (iii) and (iv) are not available, the seats will be filled up from the General quota.
5.2.16 Sports Quota (PI \& PT): Candidates who claim reservation under Sports Quota shall fulfil their eligibility based on the norms of Kerala State Sports Council appended in Annexure XVIII (ii) prior to submission of application, for the seats as prescribed in the Prospectus.

The candidate should apply online to the Commissioner for Entrance Examinations, and send a copy of Confirmation page of the online application along with the required document to the Secretary, Kerala State Sports Council, Thiruvananthapuram-695001. The Sports Council will allot marks to the candidates according to their proficiency in sports. The maximum marks for proficiency is 500 . [Norms of the Sports Council for award of Marks for proficiency in Sports is given under Annexure XVIII (ii) of this Prospectus].

The Sports Council Authorities will collect the Application Number from the candidates and furnish it in the proficiency mark list for sports. The mark list of candidates under 'Individual Events' and 'Team Events' should be prepared separately and forwarded to the Commissioner for Entrance Examinations so as to reach him on or before $30^{\text {th }}$ April 2020. In the case of candidates seeking admission to Medical/Agriculture/Veterinary/Fisheries courses, the marks out of 500 awarded to the candidates for proficiency in sports will be added to the marks obtained by the respective candidates in the NEET-UG 2020 (provided they are ranked in the NEET-UG 2020), computed out of 500 . In the case of candidates seeking admission to Engineering/B.Pharm courses, the marks out of 500 awarded to the candidates for proficiency in sports will be added to the marks arrived at, for the preparation of Engineering/B.Pharm rank list, computed out of 500 . So, the candidates would be eligible for a maximum index mark of 1000. The merit list of individual and team events will be prepared on the basis of inter-se merit of the candidates computed as above and will be published separately.
At the time of preparation of the inter-se merit list under sports quota, if there is any tie in the total marks, it will be resolved in such a way that the candidate getting higher Engineering rank or B.Pharm rank or NEET-UG rank, as the case may be, will be placed higher in the ranking.

The seats under Sports quota for each course or course group, as the case may be, are reserved by giving equal representation to both Individual (PI) and Team events (PT). A seat reserved for the Individual events sub category in a particular year will be switched to the Team events sub category in the following year, and vice versa. If the total number of seats under Sports quota is an odd number, equal representation will be accomplished in a period of two years. As the division of seats between Individual and Team events, in the last year, was implemented at the allotment stage only, this year's earmarking of seats to the Individual and Team events is done based on the actual allotments of the last year under these sub categories. If there is any vacancy in the seats reserved for a particular sub category (Individual events or Team events), the seats shall be filled up by candidates from the other sub category. Unavailed seats in a year will not be carried over to the subsequent year. Such seats will be merged with the seats set apart for the mandatory reservation.
5.2.17 NCC Quota (CC): The candidates seeking admission under the NCC quota should submit the online application to the Commissioner for Entrance Examinations and Send the confirmation page of the online application along with required document to the Deputy Director General, NCC (Kerala), PB No.2212, Thiruvananthapuram-695010 through the respective NCC Unit Officers where the candidates have been enrolled as cadets, before the last date for submission of application. The seats under NCC Quota for admission to Professional Degree Courses are restricted only to the NCC Cadets who are studying within the State of Kerala.
The State level committee, on the basis of the norms approved by the Government, will award candidates, marks according to their proficiency in NCC. The maximum marks for proficiency will be 500. The NCC authorities will collect the Application Number of the candidates in the Entrance Examinations from the respective candidates and furnish the Application Numbers in the mark list. The Deputy Director General, NCC, will forward the list of candidates with their marks to the Commissioner for Entrance Examinations to reach him on or before 30th April 2020.

In the case of candidates seeking admission to Medical/Agriculture/Veterinary/Fisheries courses, the marks out of 500 awarded to the candidates for proficiency in NCC will be added to the marks obtained by the respective candidates in the NEET-UG 2020 computed out of 500 . In the case of candidates seeking admission to Engineering/B.Pharm courses, the marks out of 500 awarded to the candidates for proficiency in NCC will be added to the marks arrived at, for the preparation of Engineering/B.Pharm rank list, computed out of 500. In the case of Architecture
course, the marks out of 500 awarded to the candidates for proficiency in NCC will be added to the marks considered for preparing the Architecture rank list computed out of 500 . So the candidates would be eligible for a maximum of 1000 marks. The merit list would be prepared on the basis of inter-se merit of the candidate computed as above.
At the time of preparation of the inter-se merit list under NCC Quota, if there is any tie in the total marks, it will be resolved in such a way that the candidate getting higher Engineering rank or B.Pharm rank or NEET-UG rank, as the case may be, will be placed higher in the ranking.

### 5.3 Reservation for Persons with Disabilities (PD):

Five percent of the seats available to the State for allotment from the State rank lists are reserved for candidates with benchmark disabilities for all courses in Govt./Aided Colleges as stipulated in Section 32, Chapter VI of the Persons with Disabilities Act 2016. As per Clause 2 (r), Chapter I of the Act, 'Person with benchmark disability' means a person with not less than $40 \%$ of a specified disability where specified disability has not been defined in measurable terms and includes a person with disability where specified disability has been defined in measurable terms, as certified by the certifying authority.

Generally, candidates who have a minimum of $40 \%$ disability alone will be eligible to apply for this quota. Candidates seeking admission to Medical Courses (except BHMS course) will have to satisfy the eligibility criteria prescribed by the Medical Council of India for 'Persons with Disabilities’ [See Annexure XXIV(i)] and for BHMS course the candidate will have to satisfy the eligibility criteria prescribed by the Central Council of Homoeopathy [See Annexure XXIV(ii)]
For claiming reservation under PwD category, the certificate of disability from the District Medical Board certifying the percentage of degree of disability has to be produced before the State Medical Board at the time of medical verification.

The certificate of disability from the District Medical Board must be produced at the time of medical verification. No document/certificate is to be uploaded to the online application.

The State Medical Board constituted by the Government under the Chairmanship of DME consisting of Medical Experts in General Medicine, ENT, Neurology, Orthopaedic Surgery, Ophthalmology, Psychiatry and Physical Medicine \& Rehabilitation, will examine the degree of Physical disability of the candidates who are provisionally included in this category. The State Medical Board will have powers to review the certificate issued by the District Medical Board.
A State Level Committee constituted by the Government under the Chairmanship of the Commissioner for Entrance Examinations consisting of the members in the Medical Board constituted under the Chairmanship of DME, special invitees representing Engineering/Pharmacy /Medical /Agriculture/ Veterinary/Forestry/Fisheries specialities will take a final decision on the eligibility of a candidate for PwD quota as per the criteria fixed by the various Central Councils and the suitability of the candidate to study a particular course applied by him/her. Necessary orders constituting State Level committee and State Medical Board will be issued by Government in due course and the same will be notified.
Only those candidates who are having a minimum $40 \%$ of any disability and are found to be physically suitable by the Committee for the courses opted by the candidates will be chosen for a course as only the physically fit can undergo the rigors of a professional course. The recommendations of this State Level committee will be binding on the candidates. The selection of candidates under this category will be based on the merit in the Entrance Examination and physical suitability, and not on the basis of the degree of disability. The Commissioner for Entrance Examinations will prepare and publish the list of candidates eligible under PwD quota based on the recommendations of the State Level Committee.
Note : However, candidates will have to qualify NEET-UG-2020 as per the qualifying criteria prescribed in the 9.7 .5 (ii) \& 9.7 .5 (iii) Agricultural \& forestry/Veterinary/Fisheries for admission to MBBS/BDS/BAMS/BHMS, courses.

### 5.4 Claims for Mandatory Reservation:

5.4.1 State Merit: The seats under the State Merit (SM) will be filled purely on merit (State-wide) basis irrespective of the category/community to which the candidates belong.
5.4.2 Claim for communal reservation under the Socially and Educationally Backward Classes (SEBC) :
Reservation to the Socially and Educationally Backward Classes will be in accordance with the provisions contained in G.O.(P)208/66/Edn. dated 02.05.1966, G.O.(Ms) No.95/08/ SCSTDD dated 06.10.2008, GO(MS) No. 10/2014/BCDD dated: 23.05.2014, G.O.(P) No. 1/2015/BCDD dated: 01.01.2015, GO(MS) No. 4/2015/H.Edn. dated: 05.01.2015, GO(MS) No. 15/2015/H.Edn. dated: 19.01.2015, GO(MS) No. 03/2018/BCDD. dated: 09.04.2018, and as amended from time to time and will be in accordance with the Orders of the Hon'ble Supreme Court of India/ Hon'ble High Court of Kerala or Orders of the Government of Kerala/ Government of India.
(a) Candidates belonging to Socially and Educationally Backward Classes as per G.O.(P) 208/66/Edn. dated 02.05.1966, GO(MS) No. 10/2014/BCDD dated: 23.05.2014, G.O.(P) No. 1/2015/BCDD dated: 01.01.2015, GO(MS) No. 4/2015/H.Edn. dated: 05.01.2015 and GO(MS) No. 15/2015/H.Edn. dated: 19.01.2015 should upload to the online application.
a certificate to the extent that the candidate belongs to the community which is designated as a Socially and Educationally Backward Class and does not belong to the category of Creamy Layer, in the proforma given as Annexure V of the GO(P) No. 1/2015/BCDD dated: 01.01.2015. The names of castes and communities under SEBC are given in Annexure XI. Only the claims of the candidates of those communities that are included in the list as incorporated in the respective Annexure of the Prospectus 2020 will be considered. Claims by candidates belonging to other communities, which are not included in the Annexure, will be rejected even if certificates from the concerned Revenue Officers have been obtained and uploaded to the online application.
(b) Candidates belonging to Ezhava, Muslim, Other Backward Hindus, Latin Catholic \& Anglo Indians, Dheevara and related communities, Viswakarma and related communities, Kusavan and related communities, Other Backward Christian and Kudumbi communities, claiming reservation under SEBC Quota should invariably upload Non-Creamy Layer certificate in the prescribed format for State Government Education purpose obtained from the Village Officer concerned.
(c) Reservation under SEBC for children of inter-caste married couples: Children of Inter-caste married couple with either the father or mother belonging to a community included in SEBC list, or with father and mother belonging to different communities, both of which are included in the SEBC list, are eligible for reservation under SEBC. Such candidates should upload a Non-Creamy Layer certificate specifying the community of the candidate from the Village Officer in the prescribed proforma.
(d) Candidates who are children of Inter-Caste married couple of whom one is SC/ST, will be eligible for educational and monetary benefits admissible to SC/ST as per Para 2 (ii) of GO (MS) No.25/2005/SCSTDD dated 20.06.2005, if eligible for reservation under SEBC, will be granted the same, based on the Non-Creamy Layer Certificate obtained from the Village Officer and the inter-caste marriage certificate issued by the Tahsildar to be uploaded to the online application.
(e) The candidature/ allotment/ admission of the candidates who furnish fake Non-Creamy Layer certificates is liable to be cancelled. Such candidates are also liable to be debarred from appearing for the Entrance Examination for a period extending upto two years.
5.4.3 Claim for reservation under Scheduled Castes/Scheduled Tribes Quota:
(a) Candidates claiming reservation under Scheduled Castes/Scheduled Tribes quota should upload the caste/community certificate from the Tahsildar concerned, in the prescribed proforma specifically meant for them to the online application. SC/ST caste status of children, whose parents contracted Inter-caste marriage, will be subject to the orders/clarification issued in GO(Ms) No. 25/2005/SCSTDD dated: 20.06.2005, judgement dated 10.08.2005 of the Full Bench of the Hon'ble High Court of Kerala in WP(C) 2483/2005 and connected cases and GO (Ms) No.109/2008/SCSTDD dated 20.11.2008. As per G.O.(MS)No.109/2008/SCSTDD, dated 20.11.2008, the children born of inter-caste married couple of which one of the parents is SC/ST can claim the status of SC/ST on proof of the conditions of acceptance, customary traits and tenets under which such children are brought up.
The competent authority issuing SC/ST community certificate to children born of inter-caste married couple, of which one of the parents is SC/ST, should ensure that the claimant is subjected to same social disabilities and also following the same customs and traditions and the community has accepted that person to its fold as such. The authority to issue caste certificate should also ensure that:
(i) Each case shall be examined individually in the light of the existing facts and circumstances.
(ii) The claimant has suffered disabilities - socially, economically and educationally.
(iii) The society has accepted the claimant to their original fold as one among them and is living in the same social tenet.

Christian converts who have subsequently embraced Hinduism should upload to the online application. Caste/ community certificate in the prescribed proforma. The following certificate should also be got recorded by the Revenue Official, below the certificate, "The certificate is issued after observing the guidelines issued in the Government Circular No. 18421/E2/ SCSTDD dated 15.12.1987".

> The names of castes and communities are given in Annexures VIII \& IX. For claiming SC/ST reservation Community Certificate from Tahsildar is to be obtained in the prescribed format and upload to the online application.
(b)

The applications for the reserved seats of Scheduled Castes/Scheduled Tribes candidates which do not contain SC/ST certificate (community certificate) from the Tahsildar in the prescribed format to the online application will not be considered on any account for claiming community reservation against the seat reserved for SC/ST candidates [vide G.O. (Ms) 31/90/SCSTDD dated 25.05.1990]. The community certificate should clearly specify that the candidate himself/herself (not the father or mother) belongs to the Scheduled Castes/Scheduled Tribes. The Community Certificates obtained as per G.O. (Ms) No.136/07/RD, dated 27.04 .2007 will be accepted. The candidates who are reconverted to Hinduism from Christianity of Scheduled caste origin should upload to the online application community certificate from the Tahsildar concerned along with the Gazette Notification regarding re-conversion.
(c) The claims for reservation under Scheduled Castes/Scheduled Tribes quota will also be subject to verification and clearance by the Screening Committee constituted for the purpose by the Government vide G.O(P)No.15/2011/SCSTDD dated 01.02.2011 and as authorised by Section 6 of the Kerala (Scheduled Castes and Scheduled Tribes) Regulation of Issue of Community Certificates Act, 1996 (Act 11 of 1996)
(d) The SC/ST claims in respect of those who have migrated from one State to another will be subject to the provisions of G.O. (MS) No.10/86/SCSTDD dated 12.02.1986. Only the children of those who had migrated to this State before the promulgation of the Constitution (Scheduled Castes) Order 1950 and the Constitution (Scheduled Tribes) Order 1950, and who ordinarily reside in this State can claim SC/ST benefits from the State of Kerala. They must be able to prove this, if required.
(e) WARNING : Those who upload false SC/ST Certificate for claiming reservation under SC/ST quota shall be liable for the penalties stipulated in section 15 of the Act referred to in Clause (c) above. Candidates and their parents who make such applications are warned that in addition to prosecution they will have to suffer the following consequences, in case the SC/ST certificate uploaded is found to be false and the candidate does not belong to any SC/ST communities, under section 16 of the Act "Benefits secured on the basis of false community certificates will be withdrawn.
(i) Whoever not being a person belonging to any of the Scheduled Castes or Scheduled Tribes secures admission in any educational institution against a seat reserved for such castes or tribes or secures any appointment in the Government, Government Undertakings, Local Authority or in any other Company or Corporation owned or controlled by the Government or in any aided institution against a post reserved for such castes or tribes or enjoys any other benefits intended exclusively for such castes or tribes by uploading a false community certificate shall, on cancellation of the false community certificate, be removed by cancelling the irregular admission in the concerned educational institution, or as the case may be, removed from the said service forthwith and any benefit enjoyed by him as aforesaid shall be withdrawn forthwith.
(ii) Any amount paid to such person by the Government or any other agency by way of scholarship, grant, allowance, stipend or any other financial benefit shall be recovered as if it is arrears of public revenue due on land.
(iii) Any degree, diploma or any other educational qualifications acquired by such person after securing admission in any educational institution on the basis of a false community certificate shall also stand cancelled on cancellation of the community certificate obtained by him."
(f) Claim of OEC candidates against the un-availed seats of SC/ST candidates: Other Eligible Community (OEC) candidates are eligible for the un-availed seats, if any, under SC/ST quota, as per GO(P) No. 135/87/H.Edn dated 06.05.1987. They should specify their community status in the application. Such candidates should upload "Non-Creamy Layer" Certificate for State Government Education purpose obtained from the Village Officer concerned in the prescribed proforma available to the online application itself as per GO(P) 1/2015/BCDD dated: 01.01.2015 and GO(MS) No.4/2015/H.Edn. dated: 05.01.2015. Relaxation in marks in the qualifying
examination as in the case of SEBC candidates will be applicable to OEC candidates [As per GO(P) No.53/2000/SCSTDD dated 03.07.2000]. The list of Other Eligible Communities is given in Annexure X of the Prospectus.
(g) Claim for fee concession to OEC candidates: Candidates belonging to Other Eligible Communities are exempted from payment of fee at the time of allotment to professional Degree Courses under Government/Community quota as per G.O. (MS) No. 36/07/SCSTDD dated 03.07.2007. Those OEC candidates who have uploaded the Non-Creamy Layer Certificate for availing the applicable reservation will be granted the fee concession based on the Non-Creamy Layer Certificate. But those OEC candidates who do not come under Non-Creamy Layer Category should upload the Community Certificate obtained from the village officer to the online application for availing the fee concession.
(h) Claim for fee concession to the candidates belonging to communities listed in Annexure $X$ (a): Candidates belonging to the communities listed in Annexure $X$ (a) whose annual family income is up to Rs. 6 lakhs are exempted from payment of fee at the time of allotment to Professional Degree Courses under Government/Community Quota as per GO (MS) No. 10/2014/BCDD dated: 23.05.2014. They should upload Community and Income Certificates from the Village Officer in the prescribed format to the online application. (See Annexure XVIII(i) for details).
5.4.4 Fee Concession and other Scholarships: Candidates desirous of being considered for any fee concession/ scholarship/ any other benefits, based on annual family income should upload Income Certificate from concerned Village Officer, to the online application.
Note: Income from salary: In the case of candidates whose parents are employed, the Basic Pay and Dearness Allowance of the employee(s) are to be taken into account for the purpose of calculating total annual family income. Inclusion of Interim relief in the annual income will be as per the orders of Revenue Department. HRA, Special pay, Deputation pay, TA, PTA, honorarium etc. need not be counted for calculating the annual family income. (See Annexure XVIII(i) for details).
(a) The annual family income furnished by candidates will be published in the website "www.cee.kerala.gov.in" facilitating the public to raise complaints/ objections against false claims. The District Level Committee and the State Level Committee constituted with the provisions of G.O.(Rt) 1227/08/RD dated 01.04.2008 will conduct detailed enquiry on the complaints and recommend to the CEE for appropriate action, respectively. The CEE, the Chairman and Convenor of the State Level Committee, shall implement the recommendations as per clause 5.4.4 (b) of the Prospectus.
(b) The candidature/ allotment/ admission of the candidates who furnish false Income certificate is liable to be cancelled. Such candidates are also liable to be debarred from appearing for the Entrance Examination/Allotments for a period extending up to two years.
5.5 Other General Rules for Special/Mandatory Reservation:
5.5.1 The seats unavailed by the Scheduled Castes candidates will go to the Scheduled Tribes candidates and vice versa.
5.5.2 The seats unavailed by the SC/ST candidates will go to "Other Eligible Community" (OEC) candidates. The seats that still remain unavailed of will go to the State Merit Quota (State wide basis).
5.5.3 The seats unavailed by the SEBC category candidates will be allotted under State Merit.
5.5.4 If any seat, in any special reservation quota including PwD quota, is left unavailed by the candidates belonging to that particular category, it will go to the Mandatory reservation quota, unless otherwise stated.
5.5.5 The seats falling vacant under the All India/Nominees Quota for MBBS/BDS courses, if released to the State Government for allotment as per State Government Norms will be added to the Mandatory reservation quota and the total seats revised under mandatory reservation quota will be re-distributed and allotted as per the mandatory reservation principles. The Director of Medical Education will inform the CEE of such seats through Government of Kerala on or before 31.07.2020.
5.5.6 The seats unfilled under the Govt. of India/Reciprocal Quota after 31.07.2020 for Engineering/Architecture Courses will be added to the Mandatory reservation quota and the total seats revised under mandatory reservation quota will be re-distributed and allotted as per the mandatory reservation principles. The Director of Technical Education will inform the CEE of such seats on 01.08.2020.
5.5.7 The seats unfilled under the VCI/ICAR for BVSc. \& AH/B.Sc (Hons) Agriculture after 18.10.2020 will be added to the Mandatory reservation quota and the total seats revised under mandatory
reservation quota will be re-distributed and allotted as per the mandatory reservation principles. The Registrar, Kerala Veterinary and Animal Sciences University/ The Registrar, Kerala Agricultural University will inform the CEE of such seats on 19.10.2020.
5.5.8 The seats unfilled under the Government of India Nominee Quota for B.Pharm course after 31.07.2020 will be added to the mandatory reservation quota and the total seats will be redistributed and allotted as per mandatory reservation principle. The Director of Medical Education will inform the CEE of such seats on 01.08.2020.

## 6. CRITERIA OF ELIGIBILITY FOR ADMISSION

6.1 Nativity: Only Indian citizens are eligible for admission to Professional courses unless otherwise notified. Persons of Indian Origin (PIO)/ Overseas Citizen of India (OCI) will also be treated at par with Indian citizens for the limited purpose of admission. However $\mathrm{PIO} / \mathrm{OCl}$ candidates will not be eligible for any kind of reservation.
Candidates seeking admission to Professional courses will be categorised as Keralite, NonKeralite Category I (NK I) and Non-Keralite Category II (NK II).
(i) Keralite: A candidate of Kerala origin will be categorised as a 'Keralite'. Children of All India Service (AIS) officers (Non-Keralites) allotted to Kerala cadre are deemed to be 'Keralites' as per G.O. (Rt) No. 822/08/H. Edn. dated 29/05/2008. But they will not be eligible for Communal/Special/Persons with Disabilities reservation or any fee concession.
(ii) Non-Keralite Category I (NK I): A candidate who is not of Kerala origin but fulfils anyone of the following conditions will be categorised as 'Non-Keralite Category l'(NK I).
(a) A candidate who has undergone qualifying course in Kerala and who is son/daughter of NonKeralite parents belong to Government of India/Defence Service, posted to Kerala.
(b) A candidate who has undergone qualifying course in Kerala and who is son/daughter of NonKeralite parents who are serving/served Government of Kerala for a minimum period of two years.
(c) A candidate who is not of Kerala Origin but has been a resident of Kerala State for a period of 5 (five) years within the period of 12 (twelve) years of his/her study.
(d) A candidate who is not of Kerala Origin but who has undergone his/her school studies in Kerala from standard VIII to XII.
Non-Keralite Category I candidates will be considered against 'State Merit' seats for Engineering/Architecture/B.Pharm/Medical \& Allied courses. But they will not be eligible for Communal/ Special/Persons with Disabilities reservation or any fee concession.
(iii) Non-Keralite Category II [NK II]: Candidates who do not come under 'Keralite' or 'Non-Keralite

Category I' will be categorised as 'Non-Keralite Category II'. Such candidates are eligible for admission to both Government and Management quota seats in Engineering course in Government controlled Self-Financing colleges. However the 'Non-Keralite Category II' (NK II) candidates will be considered for admission to the Government seats in Engineering courses in Government controlled Self-Financing colleges only when the Keralite and Non-Keralite I (NK I) candidates are not available for admission. 'Non-Keralite Category II' (NK II) candidates are also eligible for admission to both Government and Management quota seats in Private Self-financing Engineering/Architecture/Siddha colleges. But for Siddha course, 'Non-Keralite Category II' (NK II) candidates will be considered only when the Keralite and Non-Keralite I (NK I) candidates are not available for admission. 'Non-Keralite Category II' (NK II) candidates are also eligible for admission to a maximum of $10 \%$ seats under Management Quota in Private Self Financing Pharmacy colleges subject to fulfilling the eligibility conditions in clause 6.2 \& 6.3. 'Non-Keralite Category II' (NK II) candidates are not eligible for admission to Medical and Allied Courses including MBBS in Government colleges, BDS and for admission to Government Engineering/Pharmacy Colleges. As per G.O.(Rt)No.1387/2019/H\&FWD dated. 10.06.2019, Fifteen percent of the seats for the admission of students to MBBS Courses in Self-Financing Medical colleges in Kerala are set apart for the allotment of candidates irrespective of their Domicile as per the rank list prepared by the Commissioner for the Entrance Examinations on the basis of the rank obtained in the NEET-UG 2020 conducted by the National Testing Agency (NTA), New Delhi. The 'Non-Keralite Category II' (NK II) candidates will not be eligible for Communal/ Special/ Persons with Disabilities reservation or any fee concession.

Note: The following category of candidates will not be governed by clauses (i), (ii) and (iii) above:
Candidates to be admitted in respect of seats reserved for the nominees of Government of India, Administration of Union Territory of Andaman \& Nicobar Islands, Lakshadweep Administration, Jammu \& Kashmir, candidates selected through the All India quota seats for MBBS/BDS courses and candidates sponsored under reciprocal quota by Govt. of Karnataka/ Tamil Nadu.

## 6. 1.1 Certificates to prove Nativity

(a) Keralites: In order to prove that a candidate is an Indian Citizen of Kerala origin for the limited purpose of eligibility for admission, he/she has to upload one of the following certificates to the online application.
(i) The relevant page of Secondary School Leaving Certificate of the candidate showing the place of birth in Kerala.
(ii) The relevant page of the Secondary School Leaving Certificate of either of the parents of the candidate showing Place of Birth in Kerala with corroborative certificate to establish the relationship between the parent and the candidate.
(iii) The relevant page of the Passport of the candidate, issued by Government of India, showing Place of Birth in Kerala or of either of the parents of the candidate showing Place of Birth in Kerala with corroborative certificate to establish the relationship between the parent and the candidate.
(iv) A certificate of birth from the authority competent to register birth (Panchayat/Municipality /Corporation) showing the candidate's or either of the parents' (in which case corroborative certificate to establish the relationship between the parent and the candidate is necessary) place of birth in Kerala, to be issued by a competent registering authority
(v) A certificate from the Village Officer/ Tahsildar to show that the candidate or his/her father/mother was born in Kerala.[This is to be obtained in the prescribed format available in the website]
(vi) A certificate from the competent authority showing that the parent of the candidate is an All India Service officer allotted to Kerala cadre.
(b) Non-Keralites Category I [NK I]: In order to prove that the candidate is a Non-Keralite Category I (NK I) for the limited purpose of eligibility for admission, he/she has to upload one of the following certificates to the online application.
(i) A Certificate in the prescribed format obtained from the Head of the organisation, where the candidate's parent (employee) is serving/served, and the 'Certificate showing School studies in Kerala for Standards XI \& XII' obtained from the Head of Institution where the candidate underwent his/her qualifying course in Kerala to satisfy the nativity condition under the subclause 6.1(ii).
(ii) A certificate of residence from the Village Officer/ Tahsildar to the effect that the candidate has been a resident of Kerala State for a period of five years within a period of twelve years of his/her study (to be obtained in the prescribed format.
(iii) A Certificate showing School Studies in Kerala from Std. VIII to XII obtained from the Head(s) of the educational institution(s) in Kerala in the case of candidates who have undergone school studies in Kerala to prove that the candidate has undergone his/her studies in the schools in Kerala from Std. VIII to XII. This certificate is to be obtained in the prescribed format (For details see Annexure XII).
(c) Non-Keralites Category II [NK II]: They should upload the 'Certificate of Completion of Qualifying Examination' in the prescribed format to prove their nativity or Passport issued by Government of India to prove Indian citizenship to the online application.

### 6.2 Academic Eligibility:

Academic eligibility for admission to various courses is stipulated as per the existing guide lines issued by the concerned Central Councils.

### 6.2.1 Medical \& Allied Courses:

(a) Medical courses consist of MBBS, BDS, BAMS, BHMS, BSMS and BUMS courses and Allied courses consist of B.Sc.(Hons) Agriculture, B.Sc.(Hons) Forestry, BVSc. \& AH and BFSc. courses.
(i) For admission to MBBS, BDS: Candidates who have passed in the subjects of Physics, Chemistry, Biology/Biotechnology and English individually at the Higher Secondary examination of the Board of Higher Secondary Education, Kerala or examinations recognised equivalent thereto and obtained a minimum of $50 \%$ marks taken together in Physics, Chemistry and Biology/Biotechnology are eligible.
(ii) For admission to BAMS/ BHMS/BSMS courses: Candidates who have passed in the subjects of Physics, Chemistry, Biology and English individually at the Higher Secondary examination of the Board of Higher Secondary Education, Kerala or examinations recognised equivalent thereto and obtained a minimum of $50 \%$ marks taken together in Physics, Chemistry and Biology are eligible.
(iii) For admission to BUMS course: Candidates who have passed in the subjects of Physics, Chemistry, Biology and English individually at the Higher Secondary examination of the Board of Higher Secondary Education, Kerala or examinations recognised equivalent thereto and obtained a minimum of $50 \%$ marks taken together in Physics, Chemistry and Biology are eligible. The candidates should have passed $10^{\text {th }}$ or $12^{\text {th }}$ standard with Urdu or Arabic or Persian language as a subject or clear the test of Urdu in the Entrance Examinations conducted by University or Board or Registered society authorized by the Govt. to conduct such examination or the Pre-Tib Examination of one year duration.
(iv) For admission to B.Sc.(Hons.) Agri., B.Sc.(Hons) Forestry, BFSc courses: Candidates who have passed in the subjects Physics, Chemistry and Biology at the Higher Secondary examination of the Board of Higher Secondary Education, Kerala or examinations recognised equivalent thereto, with $50 \%$ marks in Physics, Chemistry and Biology put together are eligible.
(b) For admission to BVSc. \& AH Course: Candidate who have passed in the subjects of English, Physics, Chemistry, Biology at the qualifying examination and obtained $50 \%$ marks in aggregate of these subjects are eligible.
(c) Candidates who have passed the BSc Degree (Three year course) examination with Physics, Chemistry, Zoology, Botany or Biotechnology as Main, and any one or two of the above subjects as Subsidiaries, with $50 \%$ marks for Main \& Subsidiaries taken together, subject to the condition that they have passed Higher Secondary Examination, Kerala or examinations recognised as equivalent thereto with Physics, Chemistry and Biology as optional subjects are eligible for admission to MBBS, BDS, BAMS, BHMS and BSMS courses.
Note: In the case of candidates coming under All India Quota, Nominees of Government of India and Nominees of other States/Union Territories, the Academic Eligibility as specified in clause 6.2.1 is applicable.

$$
\text { Only those candidates who qualify in NEET-UG } 2020 \text { as per the Qualifying criteria described in }
$$ the clause 9.7 .5 (ii) \& (iii) and satisfying the nativity conditions mentioned in clause 6.1 of the prospectus shall be considered for admission to MBBS, BDS, BAMS, BHMS, BSMS, BUMS, Agriculture, Forestry, Veterinary, Fisheries courses.

### 6.2.2 Engineering courses:

[Including B.Tech (Agri. Engg.) and B.Tech (Food Technology) courses under the Kerala Agricultural University, B.Tech (Dairy Technology) and B.Tech (Food Technology) courses under Kerala Veterinary \& Animal Sciences University and B.Tech (Food Technology) course under Kerala University of Fisheries and Ocean Studies].
Candidates who have passed Higher Secondary Examination, Kerala, or Examinations recognized as equivalent thereto, with Physics and Mathematics as compulsory subjects and Chemistry as one of the optional subject with atleast $45 \%$ marks put together in the above subjects are eligible for admission. In case, the candidate has not studied Chemistry, the marks obtained in Computer Science shall be considered. In case, the candidate has not studied Chemistry and Computer Science the marks obtained in Biotechnology shall be considered. In case, the candidate has not studied Chemistry, Computer Science and Biotechnology the marks obtained in Biology shall be considered. The marks as shown in the mark list of the Board of Examination obtained from the respective Higher Secondary Board shall be considered for academic eligibility.

Note:-
(i) In two year Kerala Higher Secondary courses or examinations recognised equivalent thereto with two year course where the Board Examinations are conducted in both years, the total marks of two years in the respective subjects as shown in the mark lists of the respective Higher Secondary Boards will be considered for academic eligibility.
(ii) In Higher Secondary courses or examinations recognised equivalent thereto where Board Examinations are conducted only at the end of $12^{\text {th }}$ class (final year), the marks in the respective subjects as shown in the mark lists of the respective Higher Secondary Boards will be considered for academic eligibility.
(iii) For all other type of Higher Secondary courses or examinations recognised equivalent thereto, the marks of the respective subjects as shown in the mark list of the respective Board of Examinations will be considered for academic eligibility.
(iv) The Vocational Higher Secondary Examination, Kerala, has been recognised as equivalent to the Higher Secondary Examination, Kerala.
(v) In the case of nominees of Government of India and nominees of reciprocal quota seats who are selected on the basis of the marks in the qualifying examination, the academic eligibility as specified in clause 6.2.2 is applicable.

### 6.2.3 Architecture course:

(a) Candidates who have passed 10+2 scheme of examination with at least $50 \%$ aggregate marks in Physics, Chemistry, and Mathematics and also at least $50 \%$ marks in aggregate of the $10+2$ level examination or passed 10+3 Diploma examinations with Mathematics as compulsory subject with at least $50 \%$ marks in aggregate are eligible for Architecture course.
(b) In addition to the academic eligibility prescribed under clause 6.2.3 (a), only those candidates who score the minimum eligibility marks as per the Information Brochure of National Aptitude Test in Architecture (NATA) 2020 will be considered for admission to B. Arch. course. There is no relaxation in the minimum passing score of NATA to any category of candidate as per letter No. CA/5/Academic-NATA dated 11.03.2008. The candidates are advised to qualify in NATA on or before 01.06. 2020.
(c) There is no provision for lateral admission to the second year or at any stage during the 5 year course in Architecture.

### 6.2.4 B.Pharm course:

Candidate who have passed 10+2 examination conducted by the Board of Higher Secondary Education, Kerala or Examinations equivalent there to with English as one of the subjects and Physics, Chemistry, Mathematics/Biology as optional subjects individually.

### 6.2.5 Relaxation in marks:

(i) In the case of MBBS/BDS courses, candidates belonging to SC/ST or SEBC, the minimum marks obtained in Physics, Chemistry and Biology/Bio-Technology taken together in qualifying examination shall be $40 \%$ instead of $50 \%$. In respect of candidates, included in the PwD quota list published by the Commissioner for Entrance Examinations, the minimum marks obtained in Physics, Chemistry and Biology/Bio-Technology taken together in qualifying examinations shall be $45 \%$ instead of $50 \%$.
(ii) In the case of BAMS/ BHMS/BSMS/BUMS courses, candidates belonging to SC/ST or SEBC, the minimum marks obtained in Physics, Chemistry and Biology taken together in qualifying examination shall be $40 \%$ instead of $50 \%$. In respect of candidates included in the PwD quota list published by the Commissioner for Entrance Examinations the minimum marks obtained in Physics, Chemistry and Biology taken together in qualifying examinations shall be $45 \%$ instead of 50\%.
(iii) In the case of B.Sc.(Hons.) Agri., B.Sc.(Hons) Forestry, BFSc courses, Candidates belonging to SEBC and the candidates included in the PwD quota list published by the Commissioner for Entrance Examinations, the minimum marks required for admission shall be $5 \%$ less than that prescribed for general category. For candidates belonging to SC/ST, a minimum pass mark is required.
(iv) In the case of B.VSc \& AH course, Candidates belonging to SEBC and the candidates included in the PwD quota list published by the Commissioner for Entrance Examinations, the minimum marks required for admission shall be $5 \%$ less than that prescribed for general category. For candidates belonging to SC/ST, a minimum pass mark is required.
(v) In the case of Engineering Courses, candidates belonging to SC/ST/ SEBC and the candidates included in the PwD quota list published by the Commissioner for Entrance Examinations, the minimum marks required for admission shall be $5 \%$ less than that prescribed for general category.
(vi) In the case of Architecture Courses, Candidates belonging to SEBC and the candidates included in the PwD quota list published by the Commissioner for Entrance Examinations, the minimum marks required for admission shall be $5 \%$ less than that prescribed for general category. For candidates belonging to SC/ST, a minimum pass mark is required.
(vii) In the case of B.Pharm Course, candidates belonging to $\mathrm{SC} / \mathrm{ST}$, a minimum pass mark is required.
Note: The relaxation of marks in the qualifying examination extended to SEBC candidates only will be applicable to OEC candidates, even if they are allotted against unavailed seats of SC/ST quota.
6.2.6 (i) Candidates who have appeared for the Higher Secondary or equivalent examination will be permitted to take the Entrance Examinations provisionally. The candidates should have appeared for the qualifying examination before taking the Entrance Examination. Such candidates should prove their academic eligibility on the date of admission.
(ii) Candidates who have qualified in the Engineering Entrance Examination should submit their qualifying examination marks online through the Official website of the CEE (www.cee.kerala.gov.in) and upload the mark list of final year of the qualifying examination within the stipulated time.
6.2.7 Candidates referred to in Clause 6.2.1(c) who have only appeared or are appearing for the BSc. Degree Examination, are not eligible to apply as per Clause 6.2.6.
6.2.8 No rounding off of the percentage of marks to the nearest whole number is permitted. For example, a score of 50 marks out of 100 or 150 marks out of 300 alone will be considered as $50 \%$ marks and scores of 45 out of 100 or 135 out of 300 alone will be considered as $45 \%$ marks for determining eligibility.
6.2.9 In case, where only grades are given for qualifying examination and marks are not mentioned, the grades covering the minimum required percentage of marks will be considered as criteria for eligibility.
6.3 AGE:
6.3.1 Applicants should have completed 17 years of age as on the $31^{\text {st }}$ December 2020. No relaxation in the minimum age will be allowed. There is no upper age limit for Engineering, Architecture and B.Pharm Courses. For Medical and Allied courses, the upper age limit will be as per the Information Bulletin of NEET(UG)-2020.
7. HOW TO APPLY FOR THE ENTRANCE EXAMINATION / ADMISSION
7.1 Online Submission of Application: Online submission of application through the website www.cee.kerala.gov.in is required to apply for admission to all the courses (MBBS, BDS, Other Medical \& Allied courses, B.Pharm, Engineering and Architecture).
7.2 Application Fee:
7.2.1 A candidate who does not belong to SC/ST communities will be treated as 'General' candidate for the collection of application fee. The application fee for all candidates will be as follows:

|  | Course(s) opted | General | SC | ST |
| :---: | :--- | :---: | :---: | :---: |
| (a) | Engineering only/ B.Pharm only/both | 700 | 300 | Nil |
| (b) | Architecture only/ <br> Medical \& Allied only/both | 500 | 200 | Nil |
| (c) | Both (a) \& (b) | 900 | 400 | Nil |

Candidates referred to in Clause 5.4 .2 (d), who are children of Inter-Caste married couple of which one is SC/ST who will be eligible for educational and monetary benefits admissible to SC/ST as per Clause 2 (ii) of GO (MS) No.25/2005/SCSTDD dated 20.06.2005, should mention the same in the form meant for it. They should upload an inter-caste marriage certificate from the Tahsildar to the online application.
7.2.2 Candidates choosing 'Dubai' as Examination Centre will have to remit an additional fee of Rs. $12,000 /-$ by way of online payment. The additional fee can also be remitted by way of echalan, in the designated post offices in Kerala, if payment is made inside India. (See clause 7.3.1 for more details) Such candidates should give a local contact number, if available, in their application in the appropriate place.
7.2.3 Candidates desirous of getting admission to Architecture Course and possessing the required minimum qualification mentioned under Clause 6.2 .3 will have to appear for the "National Aptitude Test in Architecture" (NATA), conducted by the Council of Architecture. They should appear for NATA in such a manner that they can submit their NATA score to the CEE as stipulated in clause 9.7.9. The details will be notified separately. Candidates applying for the Engineering and/or Medical streams and opting for Architecture also will have to appear for the 'National Aptitude Test in Architecture', as mentioned above. The candidates are advised to qualify in NATA on or before 01.06.2020.
7.3 Mode of Payment of Application Fee:
7.3.1 Candidate can pay application fee in either of the two following methods:
(a) Online Payment: The fee may be paid by credit card/debit card/Internet Banking. On successful payment of fee, a Payment Confirmation Page will appear displaying the message 'Transaction Successful'. If the payment is unsuccessful, the message 'Transaction Unsuccessful' will be displayed. Due to communication failure, if the outcome of the payment attempt is not displayed, the 'Payment' tab in the candidate's home page should be checked to see if it has turned green. If not, the transaction was unsuccessful and the payment needs to be made again and ensure that it's successful. If the amount was debited from the account of the candidate for an unsuccessful transaction, the debited amount will be reverted to that account within 5-7 working days.
(b) E-chalan: In case of payment through e-chalan, the payment can be made in one of the Head /Sub Post Offices in Kerala, in cash. The e-chalan generated from the website after online submission of the application should be handed over to the post office and after depositing the fee plus processing charge, as applicable, the counterfoil (Candidate's copy) of the e-chalan must be collected back from the post office official. It must be ensured that the post office official has recorded the Payment ID pertaining to the payment on the counterfoil and put the office stamp and his/her initials at the designated places on the counterfoil. If the payment was successful, the 'Payment' tab in the candidate's home page turns green. Candidates are advised to login to the website and examine the 'Payment' tab to make sure that the fee status has been updated by the post office official. If the payment tab has not turned green, the candidate should immediately contact the concerned post office and get the payment status updated. On successful Payment, the required entries in the application will be made automatically.
Note: The Application fee/additional fee once remitted will not be refunded under any circumstances.

### 7.4 Online submission of Application:

(a) The detailed instructions for filling each item in the application are given in the link, "How to Apply" to be provided on the website www.cee.kerala.gov.in.
(b) There are 5 steps for the online submission of application and all the steps are mandatory. Candidates should complete all steps including uploading of the necessary certificates and documents on or before the last date notified for the same.
Note: Facilitation centres will be functioned across the State, from where candidates can submit the online applications.
Candidate has to visit the website www.cee.kerala.gov.in where he/she can find the link "KEAM-2020 Online Application".

## Step 1: Registration

This is a one-time procedure. During the process, candidates will get a system generated Application Number. Candidates are requested to enter their own password when demanded. Preferably a strong password is recommended. It ensures the candidates' safe online activities. The requirements of a strong password are:
a minimum length of 8 characters
a minimum of one alphabet character [a-z or A-Z]
a minimum of one number (0-9)
a minimum of one symbol [! @ \# \$ \% ^ \& * ]
The candidate has to re-enter the password for confirmation.
Don't disclose password to others. Remember the password till the end of allotment process of KEAM-2020 for further login including mark submission and CAP.
For further login, candidates have to note down all the information provided during this stage.

## Step 2: Fill Application

All the basic information, required by the Office of the Commissioner for Entrance Examinations are to be filled in at this step. Before filling the details, read the Prospectus carefully.
The data provided here will be used for processing the application. Any mistake in filling this sheet or providing false/incomplete/wrong information will affect the candidate's eligibility for admission or claim for reservation under any category. It is obligatory that the candidate should fill all the items in the application.
If the application is filled completely, candidate can preview the details of the application before going to the next step, by clicking the 'Save \& Preview' button. After confirming that all the information given are correct and true, click the 'Save \& Finalize' button to complete the application filling process.
Note:- No modification of the application will be possible after clicking the 'Save \& Finalize' button in step 2.

## Step 3: Application Fee

At this step, the candidate has to make the payment of application fee by way of Online Payment or by way of e-chalan. (Refer clause 7.3.1)

## Step 4: Upload Images \& Certificates

A recent passport size photograph of the candidate and Signature of the candidate, all in jpeg format of given specifications are to be uploaded. In addition all the certificates and documents in support of the various claims made in the applications should be uploaded. Nativity proof as stipulated in clause 6 and proof for date of birth are mandatory.

## Step 5: Print Confirmation Page:

After completing steps four, Candidate should take a printout of the confirmation page from the online application for future references.
(c) Applications should be complete in all respects. A candidate will be considered for the Entrance Examination or for admission, only if he/she has furnished the relevant certificates prescribed in the Prospectus, in proof of eligibility, or in support of any claim for reservation, under any category.

The procedure of online submission of application will be completed only by uploading all supporting documents and certificate. Candidates are directed to keep a copy of the printout of confirmation page of the online application form for further reference. Do not send the printout of the confirmation page and supporting documents to the Office of the CEE by post/e-mail/in person. Candidates are liable to produce all the original documents as and when required by CEE/admitting authority for verification.

### 7.5 Reservation Claims:

7.5.1 To claim Communal Reservation: Only ‘Keralites’ as specified in Clause 6.1(i) are eligible for Communal Reservations.
(a) Non-Creamy Layer Certificate for State Government Education purpose in the prescribed format should be uploaded to the online application for claiming reservation under SEBC quota, OEC claim for Government Seats.
(b) Community certificate in the prescribed format should be uploaded to the online application for claiming reservation under SC/ST, for Govt. seats.
(c) Inter-Caste marriage certificate in the prescribed format from the Tahsildar concerned should be uploaded to the online application for candidates who are children of Inter-Caste married couple of whom one is SC/ST, and who are eligible for educational and monetary benefits
admissible to SC/ST as per Para 2 (ii) of GO (MS) No.25/2005/SCSTDD dated 20.06.2005. Proforma of the certificate is available in website (See Annexure XV).

Note:- E-District certificate issued by the concerned revenue official will be accepted.
7.5.2 To claim Special Reservation: Candidates should produce Original certificates from the authority concerned in support of any special reservation claimed by them (See clause 5.2).
7.5.3 To claim reservation under 'Persons with Disabilities': Medical Certificate from the District Medical Board as stipulated in Clause 5.3 should be obtained from the District medical board. But, there is no need to upload medical certificate to the online application. The candidate have to produce the medical certificate before the State Medical Board constituted by the Government at the time of verification.
7.5.4 To claim any fee concession/scholarship: Candidates belonging to 'Keralite' category as defined in Clause 6.1(i), except those who are eligible for educational and monetary benefits admissible to SC/ST/OEC categories who wish to be considered for any fee concession/scholarship/any other benefit based on the annual family income, that may be announced by the Government/College/Admitting authority at any time after the submission of the application, should upload the income certificate from the concerned authorities in the prescribed format, to the online application itself, to avail of such concessions. Income certificates produced after final submission of online application will not be considered for granting any such concession.
Note: Certificates which are defective and incomplete will not be considered for granting any claim. [See Clause 9.6.2 (c)]
7.6 Document to be uploaded:
(a) Proof for Nativity as specified in Clause 6.1.1.(Mandatory)
(b) Relevant page of the SSLC or equivalent certificate to prove date of birth, (Mandatory)
(c) The following students must upload the course certificate duly filled in with signature and seal of the Head of the Institution for getting weightage/reservation-
(i) Final year Plus-two students who studies Sanskrit as second language.
(ii) Final year VHSE (Livestock Management), HSE (Dairy Farmer Entrepreneur course) and Final year VHSE(Agri.)course/ HSE (as per NSQF Agri. stream) students.
The candidates who have already passed the above Plus-two/VHSE course must upload the mark list of the qualifying examination.
(d) Non-Creamy Layer Certificate for State Government Education purpose in the prescribed format from the concerned Village Officer for community reservation claims in the case of SEBC/OEC candidates.
(e) Community Certificate from the concerned Tahsildar in the case of SC/ST candidates.
(f) Certificates as proof in support of any claim for special reservation.
(g) Inter-Caste marriage certificate from the Tahsildar concerned, if applicable. [See Clause 7.5.1 (c)].
(h) Mark lists of all parts of the BSc. Degree Examination and Higher Secondary or equivalent Examination with Physics, Chemistry and Biology as optional subjects, in case of those seeking admission to Medical courses as per Clause 6.2.1 (c).
(i) Documents of NRI/Minority Reservation, if applicable
(j) EWS Certificate in the prescribed format as per the G.O (P) No. 1/2020/P\&ARD dated 03.01.2020, issued by the Village Officer (if applicable).
7.7 (i) Those seeking admission to Medical courses as per Clause 6.2.1 (c) should satisfy the academic eligibility conditions at the time of submission of application.
(ii) All Candidates who have passed/are appearing for the Higher Secondary or equivalent examination will be provisionally permitted to apply for admission under Medical \& Allied courses including MBBS/BDS, if they otherwise satisfy the eligibility conditions. They should produce the original mark list of the qualifying examination passed, at the time of admission.
(iii) All Candidates who have passed/are appearing for the Higher Secondary or equivalent examination will be provisionally admitted to the Engineering Entrance Examination under KEAM-2020, if they otherwise satisfy the eligibility conditions. All candidates should submit marks online through Official website of CEE for Engineering Courses and upload the mark list of the qualifying examination, on or before 05-06-2020. All candidates should produce the original mark list of the qualifying examination passed, at the time of admission.
(iv) Those candidates appearing for Engineering Entrance Examination who do not submit the marks in the final year of the Qualifying Examination through the official website of the Commissioner for Entrance Examinations www.cee.kerala.gov.in and who do not upload the mark list of final
year of the Qualifying Examination on or before the date specified will not be included in the Engineering Rank List.
7.8 (a) IMPORTANT: DOCUMENTS OR CERTIFICATES FURNISHED AFTER THE SUBMISSION OF THE APPLICATION FOR MEDICAL \& ALLIED COURSES, ENGINEERING, ARCHITECTURE \& B.PHARM COURSES WILL NOT BE ENTERTAINED UNDER ANY CIRCUMSTANCES. NO OPPORTUNITY WILL BE GIVEN TO INCORPORATE ANY DETAILS/CERTIFICATES AFTER THE SUBMISSION OF THE ONLINE APPLICATION.* (see clause 7.8(b) also)

* Refer to the ruling of the Honorable High Court of Kerala in 1995(2) KLT 629, 1999(2) KLJ 836 and 1999(3) KLT 773.
(b) CANDIDATES WHO ARE QUALIFIED IN THE ENGINEERING ENTRANCE EXAMINATION SHOULD SUBMIT THEIR MARKS OF THE FINAL YEAR OF THE QUALIFYING EXAMINATION ONLINE THROUGH OFFICIAL WEBSITE OF THE COMMISSIONER FOR ENTRANCE EXAMINATIONS AND SHOULD UPLOAD THE MARK LIST ON OR BEFORE 05.06.2020.
(c) NON-CREAMY LAYER CERTIFICATE FOR STATE GOVERNMENT EDUCATION PURPOSE, INCOME CERTIFICATE \& COMMUNITY CERTIFICATE SHOULD BE IN THE PRESCRIBED FORMAT, AND WILL BE CONSIDERED ONLY IF UPLOADED TO THE ONLINE APPLICATION.

8. PRINT OUT OF THE CONFIRMATION PAGE OF THE ONLINE APPLICATION SHOULD BE KEPT BY THE CANDIDATE FOR FUTURE REFERENCE. THE ORIGINALS OF THE UPLOADED CERTIFICATES/DOCUMENTS WILL HAVE TO BE PRESENTED FOR VERIFICATION, IF ASKED FOR AT ANY STAGE OF THE KEAM 2020, INCLUDING THE ALLOTMENT AND ADMISSION STAGES

## DO NOT SEND THE PRINT OUT OF CONFIRMATION PAGE AND OTHER DOCUMENTS TO THE O/O THE CEE

## 9. EXAMINATIONS

### 9.1 Venues:

Entrance Examinations will be held at the selected venues in all Districts in the State, Mumbai, New Delhi and Dubai.
9.1.1 No request for change in the Examination centre will be entertained.
9.2 Papers/Subjects in the Entrance Examinations:
G.O.(Ms)No.153/99/H.Edn. Dated 22.11.1999 stipulates that the Entrance Examination for Engineering courses will be conducted with a relative weightage of 5:3:2 in Mathematics, Physics \& Chemistry. Candidates applying for admission to Medical \& Allied Courses shall have to appear for NEET-UG 2020 and have to qualify as per the qualifying criteria mention in 9.7 .5 (ii) and 9.7.5 (iii). Candidates applying for admission to B.Pharm Course shall have to appear for Paper-I (Physics \& Chemistry) of the Kerala Engineering Entrance Examination and qualify as per the qualifying criteria mentioned in clause $9.7 .5(\mathrm{v})$ of the prospectus.
9.2.1 Papers for the Engineering Entrance Examination:

Paper I - Physics \& Chemistry
Paper II - Mathematics
Each Paper will be of two and a half hours duration.
9.2.2 Candidates desirous of being considered for any of the Medical \& Allied courses will have to write NEET-UG 2020 conducted by the National Testing Agency (NTA).
9.2.3 Candidates who wish to be considered ONLY for Engineering Courses [including B.Tech. (Agri. Engg.), B.Tech. (Food Tech.) courses under the Kerala Agricultural University, B. Tech. (Dairy Technology) and B.Tech (Food Technology) courses under Kerala Veterinary and Animal Sciences University and B.Tech (Food Technology) course under Kerala University of Fisheries and Ocean Studies], will have to write Paper I - Physics \& Chemistry and Paper II Mathematics of the Engineering Entrance Examination.
9.2.4 Candidates desirous of being considered for Architecture course should appear for the "National Aptitude Test in Architecture" (NATA) to be conducted by the Council of Architecture, India and to get qualified in NATA on or before 01.06.2020. Candidates included in the Engineering rank list will not be considered for admission to B. Arch. course based on their Engineering rank.

| 9.2.5 | Candidates who wish to be considered ONLY for B.Pharm course will have to write Paper-I (Physics \& Chemistry) of the Engineering Entrance Examination. |
| :---: | :---: |
| 9.3 | N |
| 9.3.1 | A candidate NOT appearing in any one of the papers, in Engineering Entrance Examination, will be disqualified, and WILL NOT be considered for ranking in Engineering Entrance Examination. In other words, appearance in the two relevant papers: Paper I - Physics \& Chemistry and Paper II Mathematics is compulsory for being considered in the Engineering rank list. |
| 9.3.2 | Only those candidates having the prescribed minimum qualifying marks as stipulated under Clause 6.2.3 and having a valid 'NATA' score will be considered for preparing the rank list of Architecture Course. [Also see clause 9.7.4 (g)(ii)] |
| 9.3.3 | A candidate NOT appearing for NEET-UG 2020 will not be considered for preparation of rank lists for admission to Medical \& Allied courses. |
| 9.3.4 | A candidate NOT appearing for Paper-I (Physics \& Chemistry) of the Engineering Entrance Examination will not be considered for preparation of rank list for admission to B. Pharm course. |
| 9.3.5 | Appearance of a candidate in the Entrance Examination, or inclusion of a candidate in the rank lists or allotment does not entitle him/her for admission to a course, unless the rules regarding eligibility for admission, as laid down in the Prospectus under various Clauses, are satisfied. |
| 9.4 | Scheme of the Examination: |
| 9.4.1 | The Engineering Entrance Examination will be objective type with Multiple Choice Questions and based on single response. For each question, five suggested answers would be given, of which only one will be the MOST APPROPRIATE RESPONSE. The candidate will have to select and mark the alphabet ( $\mathrm{A}, \mathrm{B}, \mathrm{C}, \mathrm{D}$ or E ) corresponding to the most appropriate response in the OMR Answer Sheet. (A specimen answer sheet is appended as Annexure XXIII). |
| 9.4.2 | The question paper for objective type examinations will be given in the form of Question Booklets. Candidates will be permitted to take the question booklet with them at the end of examination. |
| 9.4.3 | For Engineering Entrance Examination, each Paper will have 120 questions to be answered in 150 minutes. |
| 9.4.4 | Scoring, negative marks: For each correct response in the Engineering Entrance Examination, the candidates will be awarded FOUR marks, and for each incorrect response, ONE mark will be deducted from the total score. For each paper, in the event of failure to answer a question, (that is, no response is indicated against a question in the answer-sheet) no deduction from the total score will be made. More than one answer indicated against a question will be deemed as incorrect response, and will be awarded negative marks. Therefore the candidates are advised not to attempt an answer, if they are not sure of the correct response, because mere guessing |
|  | may lead to choice of wrong answers, with the consequent penalty of negative marks. However, the candidates who fail to answer at least one question in each paper will be disqualified and |
|  | cannot find a place in the Engineering Rank list. Similarly, a candidate who fails to answer at |
|  | least one question in Paper-I of the Engineering Entrance Examination will be disqualified and |
|  | cannot find a place in the B.Pharm Rank list. |
| 9.5 | The standard of the Examination: |
| 9.5.1 | The standard of the Entrance Examination will be that of Higher Secondary or equivalent examinations. The syllabi for all the subjects for the Entrance Examination are given in Annexure I of the Prospectus. |
| 9.5.2 | The syllabi published in the Prospectus are only outlines of the topics that will be covered in the examination. Since the examinations are of highly competitive nature and the cream of the competing students has to be found out through a process of elimination, questions of applied nature of higher order on the topics included in the published syllabi can be expected. Questions are not based on NCERT textbooks or any other textbooks exclusively. |
| 9.6 | The Conduct of Examinations: |
| 9.6.1 | Dates of the Engineering Entrance Examination: |
|  | The Engineering Entrance Examination will be conducted at selected venues as per the following schedule and as per Indian Standard Time: |

schedule and as per Indian Standard Time.

| 20.04. 2020 (Monday) | 10.00 am to 12.30 pm | Paper I - Physics \& Chemistry |
| :--- | :--- | :--- |
| 21.04. 2020 (Tuesday) | 10.00 am to 12.30 pm | Paper II - Mathematics |

Note: Candidates applying for admission to B.Pharm Course shall have to write Paper-I (Physics \& Chemistry) of the Engineering Entrance Examination.

### 9.6.2 Online Admit Cards:

(a) The Admit Card for the Entrance Examination can be downloaded from the official website of the Commissioner for Entrance Examinations, www.cee.kerala.gov.in. The candidates will have to enter their Application number and password provided in order to download the admit card. They will have to take a printout of the admit card. Admit cards will not be sent by post from the Office of the Commissioner for Entrance Examinations. Facilitation Centres will be functioning across the State from where candidates can download and take printouts of admit card. The venue of the examination and time table will be noted in the admit card. Separate notification in this regard will be issued.
(b) Rejection memo will be issued to candidates whose application has been rejected.
(c) No memo will be sent by post in the case of defective applications. The defects in the applications will be displayed on the homepage of the candidate portal. Defects if any, should be rectified within the dates specified in the notification pertaining to the download of admit cards.
(d) All candidates whose application has been accepted should download their admit card well in advance. A candidate who does not possess the Admit Card will not be admitted to the Examination Hall under any circumstances.
9.6.3 Location of Liaison Officers: The Liaison Officers of KEAM-2020 will be present in the following locations between 9 a.m. and 1 p.m. on 18.04.2020.

| Thiruvananthapuram | Govt. Model HSS,Thycaud,Trivandrum | $0471-2331797$ |
| :--- | :--- | :---: |
| Kollam | Govt. Model BHSS, Thevally, Kollam | $0474-2794892$ |
| Pathanamthitta | Govt. HSS \& VHSS, Pathanamthitta | $0468-2222629$ |
| Alappuzha | Govt. Mohammadans Girls HS, Alappuzha | $0477-2260227$ |
| Kottayam | Govt. Model HSS, Kottayam | $0481-2582932$ |
| Thodupuzha | Govt. HSS, Thodupuzha | $0486-2223217$ |
| Kattappana | Govt. Tribal HSS, Kattappana | $04868-272124$ |
| Ernakulam | SRV Govt. Model VHS School, Ernakulam | $0484-2376944$ |
| Thrissur | Govt. Model HSS for Boys, Thrissur | $0487-2331063$ |
| Palakkad | Govt. Model Moyan HSS for Girls, Palakkad | $0491-2544747$ |
| Malappuram | Govt. Girls HSS, Malappuram | $0483-2738115$ |
| Kozhikode | Govt. Model H S School, Kozhikode | $0495-2722509$ |
| Wyanad | Govt. VHS School, Kalpetta | $04936-204082$ |
| Kannur | Govt. VHS School, Civil Station, Kannur | $0497-2700891$ |
| Kasaragod | Govt. V.H.S.S. for Girls, Kasaragod | $04994-230368$ |
| Mumbai | Sree Narayana Guru College of Commerce, Chembur, Mumbai | $022-25254018$ |
| New Delhi | Kerala House, New Delhi | $011-30411411$ |
| Dubai | The New Indian Model School, P.B.No.3100, Dubai, UAE | 0097142824313 |

### 9.6.4 Important:

If any candidate has any genuine complaint regarding the conduct of the examination, he/she may register his/her complaint, before the Chief Superintendent of the examination centre, with supporting details/information, immediately after the particular examination is over. Complaints relating to the conduct of the examination received directly in the Office of the Commissioner for Entrance Examinations will not be entertained.
9.6.5 No Re-examination: Re-examination for those who are unable to appear in the KEAM-2020 entrance examination for any reasons on the scheduled dates of KEAM-2020 shall not be held under any circumstances.

### 9.7 Declaration of Results:

9.7.1 The Commissioner for Entrance Examinations will publish the "Answer Keys" of both the Papers of the Engineering Entrance Examination on the website of the CEE (www.cee.kerala.gov.in) and the same will be notified in leading dailies, after the completion of the examination.
9.7.2 If any candidate has any complaint regarding the answer keys, the same should be submitted to the CEE in writing along with supporting documents and a fee of Rs.100/-per question by way of DD in favour of CEE, payable at Thiruvananthapuram, within 5 days from the date of publication of the answer keys on the website of the CEE. If the complaint filed is found to be genuine, the fee remitted while filing the complaint will be refunded. Complaints received after the stipulated
date and without requisite fee will not be considered under any circumstances. Complaints received by E-mail/Fax will not be considered on any account.
9.7.3 All complaints on Answer keys received will be referred to subject expert committees to be constituted by the CEE. The recommendations of the Committees will be final. Necessary modifications will be made in the published answer keys based on the recommendations of the committees and the marks for the deleted questions, if any, shall be distributed as per the ruling of the Hon'ble High Court of Kerala in 2002(3) KLT 871. Individual replies will not be given to the candidates on the decision of the Committees.

### 9.7.4 Preparation of Rank Lists:

(a) There will be separate rank lists for
i. Engineering Courses
ii. Architecture Course
iii. MBBS/BDS/BHMS/BSMS/BUMS
iv. Agriculture, Veterinary, Forestry and Fisheries
v. BAMS Course
vi. B.Pharm Course

The Rank List(s) published by the CEE shall not be utilized by any person/institution/ authority other than CEE for the purpose of admission to any Professional Course(s), without prior written permission of the Government of Kerala.
(b) Rank list for Engineering courses
(i) Equal weightage of $50: 50$ shall be given to the score obtained in the Entrance Examination for Engineering (Paper I \& Paper II put together), and the grade/marks obtained in the final year of the qualifying examination for Mathematics, Physics and Chemistry put together, after effecting the standardization procedure as described in Clause 9.7 .4 (b)(iii). In case, the candidate has not studied Chemistry, the marks obtained in Computer Science shall be considered. In case, the candidate has not studied Chemistry and Computer Science, the marks obtained in Biotechnology shall be considered. In case, the candidate has not studied Chemistry, Computer Science and Biotechnology, the marks obtained in Biology shall be considered.
(ii) The final year marks of the qualifying examination of each subject Mathematics, Physics and Chemistry/Computer Science/Biotechnology/Biology of the students who have passed the subject, received from the respective Boards, shall be transformed out of 100 . The marks of the three subjects shall be computed out of 300 after effecting standardization in each subject.
(iii) The formula for standardization as has been approved by the Expert Committee constituted vide G.O.(Rt)No.1758/2011/H.Edn. dated.03.11.2011: The marks secured by a student in the qualifying examination from any Board will be standardized with respect to the statistical parameters such as Global Mean and Global Standard Deviation.
The standardized mark $Y_{B G}$ of a candidate of the stream (B) standardized with respect to the global reference stream (G) for the subject is

$$
\mathrm{Y}_{\mathrm{BG}}=\mathrm{M}_{G}+\mathrm{S}_{G}\left(\frac{X_{B j}-M_{B j}}{S_{B j}}\right)
$$

Where $M_{B j}$ and $S_{B j}$ denote respectively the Mean and Standard Deviation of the marks out of 100 of all students who have passed in a subject of the final year of qualifying examination of any stream (B) of the year $j$ and $X_{B j}$ is the mark of a candidate out of 100 for the subject in the stream (B) of the year $j$.
The Global Mean $\left(M_{G}\right)$ of a subject is the combined average of the marks of that subject out of hundred of all students who have passed in that subject (Mathematics, Physics and Chemistry/Computer Science/Biotechnology/Biology as the case may be), of the final year of the Qualifying Examination of Kerala HSE, Kerala VHSE, CBSE and CISCE Boards taken together for the period from 2009 to 2020. The Global Standard Deviation $\left(\mathrm{S}_{\mathrm{G}}\right)$ of the subject is the combined standard deviation of marks of that subject out of hundred of all students who have passed in that subject (Mathematics, Physics and Chemistry/Computer Science/ Biotechnology/Biology as the case may be), of the final year of the Qualifying Examination of Kerala HSE, Kerala VHSE, CBSE and CISCE Boards taken together for the period from 2009 to 2020.
(iv) The subjects of the qualifying examination considered for the computation of marks for the purpose of ranking shall be Mathematics, Physics and Chemistry. The marks of the concerned subject out of hundred or an equivalent mark out of hundred, as given in the final year mark list of the Qualifying Examination of any plus two stream shall be considered. In case, the candidate
(v) Standardization of the marks of the subjects as per the clauses 9.7.4(b)(iii) \& (iv) will be effected under the supervision of the Authority concerned. The standardized mark $Y_{B G}$ shall be taken as it is obtained from the formula given in clause 9.7.4 (b) (iii). The sum of the standardized marks of three subjects Mathematics, Physics and Chemistry/Computer Science/Biotechnology/ Biology as the case may be, shall be limited to three hundred.
(vi) The score obtained by the candidate in the Engineering Entrance Examination (Paper I \& Paper II put together) shall be computed out of 300 , and added to the total standardized marks of Mathematics, Physics and Chemistry/Computer Science/Biotechnology/Biology as the case may be, of the final year of the Qualifying Examination, computed out of 300, both corrected to four places of decimals. The rank list for Engineering Courses shall be prepared based on the total marks obtained out of an Index mark of 600, computed as above.
(vii) If any Board/Authority provides results by letter grades/CGPA/OGPA etc., the candidate concerned shall have to submit the marks equivalent as required, from the Board/Authority concerned, failing which the decision on standardization of marks shall be taken based on the available information by the Committee of Statisticians constituted vide G.O.(Rt) No.1061/2017/H.EDN dated.07.06.2017, which shall be final and binding on the applicant.
(viii) If any Board/Authority fails to provide data required for the process of standardization for any year, the mean and standard deviation available for the nearest year after the year of passing of the candidate for the concerned Board/Authority shall be considered for standardization of marks and such decision shall be final and binding on the applicant.
(ix) If any Board/Authority fails to provide data requested and required for the process of standardization and the data for the nearest years after the year of passing of the candidate are also not available, then the mean and standard deviation of CBSE for the respective years, or in the absence of such information from CBSE, the mean and standard deviation of CBSE available for the nearest year after the year of passing of the candidate shall be considered for standardization of marks and such decision shall be final and binding on the applicant.
(c) Rank list for admission to B. Arch Course will be prepared by giving equal weightage to the score obtained in the 'National Aptitude Test in Architecture' (NATA) and to the marks/grades obtained in the Qualifying Examination by the candidate (As per guidelines of the Council of Architecture, India).
Marks obtained by the candidate in the National Aptitude Test in Architecture (NATA) out of 200 will be added to the total marks/*grades secured by the candidate in the Qualifying Examination computed out of 200 . The Rank list will be prepared based on the total marks obtained out of 400, computed as above (* If grades are awarded to candidates in their Qualifying Examination, it will be converted to equivalent marks for this purpose).
Candidates to be considered for inclusion in the rank list for allotment to B. Arch course in all institutions including private Self-financing Colleges have to appear for 'NATA' and secure minimum score as prescribed by COA. [Refer Clause 6.2.3 (b)]
(d) i) Rank list for MBBS/BDS/BHMS/BSMS/BUMS Courses will be prepared on the basis of rank obtained in NEET-UG 2020 subject to the Nativity conditions as in Clause 6.1 and also subject to the qualifying criteria as per Clause 9.7.5(ii).
(ii) Rank list for Agriculture, Veterinary, Forestry and Fisheries will be prepared on the basis of rank obtained in NEET-UG 2020 subject to satisfying the Nativity conditions as in Clause 6.1 and also subject to the qualifying criteria as per Clause 9.7.5(iii).
(e) Rank List for Ayurveda Course: A separate rank list for Ayurveda Course will be prepared based on the score obtained in NEET-UG 2020 subject to the Nativity conditions as in Clause 6.1 and also subject to the qualifying criteria as per Clause 9.7.5(ii). For candidates who have taken Sanskrit as their second language in Higher Secondary or equivalent examination, additional 8 marks will be added to the total marks secured by them in the NEET-UG 2020 for the preparation of Ayurveda rank list. Such candidates should upload course certificate to the online application For others, the total marks in the NEET-UG 2020 alone will be considered.
(f) Rank list for Admission to B.Pharm Course will be prepared by the Commissioner for Entrance Examinations on the basis of index marks calculated as follows: The Chemistry score obtained from the Paper-I of Kerala Engineering Entrance Examination will be multiplied by 2.25 and added to the Physics score obtained from the Paper-I of the Kerala Engineering Entrance Examination. The sum so obtained will be multiplied by a factor $2 / 3$ to calculate the index mark for ranking the candidates for B.Pharm course. The maximum index score will be 480.

## (g) Resolution of tie while ranking:

(i) Engineering: In the case of a tie in the total marks computed for preparation of Engineering rank, candidate with higher marks in Mathematics in the Entrance Examination will be placed higher in the ranking. If the tie still exists, candidate with higher marks in Physics of the Physics \& Chemistry Paper in the Entrance Examination will be placed higher in the ranking. If there is still a tie, candidate with higher standardized marks in Mathematics of the final year of the qualifying examination will be placed higher in the ranking. If the tie still persists, candidate with higher standardized marks in Physics of the final year of the qualifying examination will be placed higher in the ranking. If there is still a tie, the age of the candidate will be taken into account and the older will be placed higher in the ranking.
(ii) Architecture: In the case of a tie in the total marks computed out of 400 as described in Clause 9.7.4 (c), candidates getting higher score in 'NATA' will be placed higher in the ranking. If there is still a tie, candidates with higher marks in Mathematics in the Qualifying examination, will be placed higher in the ranking. If there is still a tie, the age of the candidate will be taken into account and the older will be placed higher in the ranking.
(iii) Ayurveda: In the case of a tie in the total marks computed for preparing the Ayurveda Rank list, candidates with higher NEET-UG rank will be placed higher in the ranking.
(iv) B.Pharm: In the case of a tie in the total marks computed for the preparation of B.Pharm rank list the candidate with the higher marks in Chemistry in Paper-I of the Engineering Entrance Examination will be placed higher in the ranking. If there is still a tie, the age of the candidate will be taken into account and the older will be placed higher in the ranking.

Note:- The candidates should upload the mark lists of Higher Secondary course or its equivalent course and/or NATA Score Card or any other document required to prepare the rank lists of KEAM2020 within the date specified in the Notifications issued for the purpose by the CEE. The copy of the mark list and NATA Score Card submitted by other means or occasion will not be considered for preparation of the rank list.

### 9.7.5 Qualifying Standards in the Entrance Examination for admission to various courses:

(i) To qualify in the Engineering Entrance Examination and thereby become eligible to figure in the Engineering rank list, a candidate has to score a minimum of 10 marks each in Paper I and Paper II of the Engineering Entrance Examination. The candidates who do not score the minimum stipulated marks will not find a place in the rank list.
Exemption: For SC/ST candidates there is no requirement of minimum marks in the Engineering Entrance Examination. However, the candidates who fail to answer at least one question in each paper will be disqualified.
(ii) To qualify and thereby become eligible to figure in the rank list for MBBS/BDS/BAMS/ BHMS/BSMS/BUMS courses, it shall be necessary for a candidate to obtain minimum of marks at $50^{\text {th }}$ percentile in NEET (UG) 2020. However, in respect of SC/ST/SEBC, the minimum marks shall be at $40^{\text {th }}$ percentile. In respect of candidates in Persons with Disability category, the minimum marks shall be at $45^{\text {th }}$ percentile for unreserved category and $40^{\text {th }}$ percentile for SC/ST/SEBC category.
(iii) To qualify and thereby become eligible to figure in the rank list for Agriculture/Veterinary/Forestry/Fisheries courses a candidate has to score a minimum of 20 marks in the NEET-UG 2020. The candidates who do not score the minimum stipulated marks will not find a place in the rank list.
Exemption: For SC/ST candidates there is no requirement of minimum marks in the NEET-UG for admission to Agriculture/ Veterinary/Forestry/Fisheries courses.
(iv) Qualifying Standards as stipulated by the Council of Architecture for admission to Architecture Course:
In addition to the academic eligibility prescribed under Clause 6.2.3, only those candidates who score the minimum eligibility marks as per the Information Brochure of National Aptitude Test in Architecture (NATA) 2020 will be considered for admission to B. Arch. Course. (As per guidelines of the Council of Architecture, India.) The candidates are advised to qualify in the NATA on or before 01.06. 2020.
(v) Qualifying Standards in the Entrance Examination for admission to B.Pharm Course: To qualify in the Entrance Examination and thereby become eligible to figure in the rank list for admission to B.Pharm course, a candidate has to get a minimum of 10 marks out of the index of 480 calculated as per clause $9.7 .4(f)$. The candidates who do not get the minimum stipulated index mark will not find a place in the rank list.

Exemption: For SC/ST candidates there is no requirement of minimum index mark for ranking for B.Pharm course. However, the candidates who fail to answer at least one question in Paper-I of the Engineering Entrance Examination will be disqualified.
9.7.6 Valuation of Answer Papers: A fully computerised system is being used for evaluation of answer scripts of objective type papers, using the Optical Mark Reading (OMR) System, and for the preparation of the rank lists and various merit lists. There is no provision for revaluation or rechecking of answer sheets as the valuation or scoring will be error-free. No correspondence in this regard will be entertained.
9.7.7 Publication of the Results: The rank lists for Engineering, Architecture, B.Pharm, MBBS/BDS/BHMS/BSMS/BUMS, Agriculture/Veterinary/Forestry/Fisheries and BAMS will be published separately. The results will be available on the official website (www.cee.kerala.gov.in) of the CEE and on other websites to be notified by the CEE.
9.7.8 The rank lists for Engineering, Architecture, B.Pharm, MBBS/BDS/ BHMS/BSMS/BUMS, Agriculture/Veterinary/Forestry/Fisheries and BAMS courses will be published on or before $20^{\text {th }}$ June 2020.
9.7.9 Candidates seeking admission to Architecture course have to appear for the National Aptitude Test in Architecture as mentioned under Clauses 1.4, 6.2.3, 9.2.4 \& 9.7.5. Such candidates should upload:
(i) The mark list of their qualifying examination and
(ii) 'NATA' score sheet. Detailed notification in this regard will be issued by the CEE, in due course. The marks of the qualifying examination and NATA score received on or before 01.06.2020 alone will be considered for preparing the Architecture Rank list. The rank list so published will be final and the marks received subsequently will not be considered under any circumstances. The CEE will not be responsible for any delay in the publication of the result of the qualifying examination or NATA.
9.7.10 (a) Validity of the rank lists published by the CEE:
(i) Engineering Rank list will be valid till 15.08 .2020 as per the orders of the Hon'ble Supreme Court of India dated 13.12.2012 in CA No. 9047 \& 9048 of 2012.
(ii) Architecture Rank list will be valid till 15.08.2020
(iii) Rank list of MBBS/BDS courses will be valid till 31.08.2020
(iv) Rank lists for BHMS/BSMS/BUMS/Agriculture/Veterinary/Forestry/Fisheries will be valid till
31.10 .2020
(v) Ayurveda Rank list will be valid till 31.10.2020
(vi) Rank list for B.Pharm courses will be valid till 15.08.2020.
(b) Weeding out Rule: The records of KEAM 2020 will be preserved only till $31^{\text {st }}$ October 2020.

### 9.7.11 Publication of Provisional Category Lists:

(a) Separate provisional category lists will be published for Community reservation, Special reservation, Persons with Disabilities, etc.
(b) There will be separate category lists based on Engineering, Architecture, B.Pharm, MBBS/BDS/BHMS/BSMS/BUMS/Agriculture/Veterinary/Forestry/Fisheries and Ayurveda rank lists. Candidates are advised to verify the various merit/category lists published by the Commissioner for Entrance Examinations, and satisfy themselves regarding their position in the list, such as, inclusion under different categories, eligibility for communal/special reservation, etc. Complaints, if any, in this regard may be sent to the Office of the Commissioner for Entrance Examinations, within the period specified in the publication of the lists concerned, for necessary action. Revised Category list will be published after considering the objections/complaints, filed by the candidates. Complaints received thereafter will not be entertained under any circumstances.

## Complaints against category list are to be filed within the period specified in the publication of the category list.

(c) Admission to the Entrance Examinations, and the rank obtained in the Entrance Examinations or inclusion in the merit lists or allotment, will not entitle the applicant for admission to the course, unless the applicant satisfies the rules regarding the eligibility for admission as laid down in the Prospectus. Furnishing of false particulars would result in the forfeiture of the candidature, as well as cancellation of admission to the course, and in addition, will attract the
relevant provisions of the Criminal Laws of the Land. If any information or documents uploaded to the online application by a candidate are found false or ineligibility for admission is detected before or after admissions, candidature of the applicant will be withdrawn and admission, if any, given will be cancelled.

## 10. SPECIAL INSTRUCTIONS TO THE CANDIDATES APPEARING FOR THE ENGINEERING ENTRANCE EXAMINATION 2020

Note: Read the following instructions carefully. Failure to observe instructions may upset the candidate's performance.
10.1 Reporting for the Examination:
(i) Candidates should bring Admit card, ballpoint pen (either blue or black ink) and a card board/clip board for the Examination.
(ii) Candidates will not be permitted to take items such as pencil, eraser, correction fluid, calculator, logarithm table, electronic gadgets, mobile phones etc. into the examination hall.
(iii) Candidate should be present at the examination hall, 30 minutes before the prescribed time for the commencement of the examination.
(iv) No candidate will be permitted to enter the examination hall, 30 minutes after the commencement of the examination.
(v) Candidates will be permitted to leave the examination hall only after completion of the examination.

### 10.2 Question Paper:

10.2.1 The question papers will be given in the form of a question booklet. A candidate will be given the question booklet before the actual time prescribed for the commencement of the examination, to enable him/her to acquaint himself/herself with the instructions to be followed.
FACING PAGE LAYOUT OF QUESTION BOOKLET (Engineering)

| WARNING : | or any attempt to commit any DISQUALIFY THE CANDIDATE | of malpractice in the |
| :---: | :---: | :---: |
| PAPER |  |  |
| Version Code | Question Booklet Serial Number |  |
| Time : 150 Minutes | Number of Questions: 120 | Maximum Marks : 480 |
| Name of Candidate |  |  |
| Roll Number |  |  |
| Signature of Candidate |  |  |
| INSTRUCTIONS TO THE CANDIDATE |  |  |

10.2.2 Each question paper will have 4 versions as detailed below:

Engineering Entrance Examination:
Paper I - Physics \& Chemistry Versions-A1, A2, A3 \& A4.
Paper II - Mathematics Versions - B1, B2, B3 \& B4.
10.2.3 The question booklet version will be printed on the top left margin of the facing sheet of the question booklet.
10.2.4 If the Roll Number ends in an odd number, then the candidate should get a question booklet marked A1/B1/A3/B3. If the Roll Number ends in an even number, then the candidate should get a question booklet marked A2/B2/A4/B4.
10.2.5 On receipt of the question booklet the candidate should ensure that the Version Code printed in the Admit Card and in the question booklet are the same.
10.2.6 If the candidate gets a question booklet where the version does not match the Roll Number as stipulated in 10.2.4, he/she should draw the attention of the invigilator immediately, and get it replaced by a version that matches the Roll Number.
10.2.7 The question booklet serial number is printed on the top right margin of the facing sheet. If the question booklet does not bear a serial number, get it replaced by a new question booklet of the same version having a booklet number printed.
10.2.8 Candidate must write his/her name and roll number in the space provided in the Question booklet. The Roll Number should be written carefully. The column for the signature of the candidate should also be filled in (The signature should be identical with the signatures in the admit card and in the attendance sheet).
10.2.9 The question booklet will be sealed at the middle of the right margin. The candidate should not open the question booklet, until an indication is given by the invigilator to start answering at the scheduled time.

### 10.3 Answer Sheet:

10.3.1 Separate answer sheet (OMR Answer Sheet) having a copy of the original OMR sheet attached to it, will be given to mark the answers. Candidates should not detach the copy of the OMR sheet from the Original during the course of Examination. All impressions made in the original OMR sheet will be carried over to the copy attached. Hence candidates, while making entries in the OMR sheet and while answering, should ensure that the copy of the OMR is always aligned with the original OMR sheet. Any change in alignment can result in variation of the position of the entries in the original and copy of OMR sheets. If any candidate detaches the copy before the conclusion of the examination, his/her candidature is liable to be cancelled.
10.3.2 The evaluation of the answer sheet of objective type papers will be done using the OPTICAL MARK READING (OMR) System. Hence the answer sheet (OMR answer sheet) is designed to suit this system.
10.3.3 A specimen copy of the OMR answer sheet is included in the Prospectus. (Annexure XXIII). Each answer sheet will be having a unique pre-printed 'BARCODE' that will be used as a secret code against which the evaluation takes place. Candidates should not tamper with the BAR CODE. If a candidate tampers, mutilates or damages the barcode, it will be treated as malpractice as per Clause 10.10 and he/she will be liable for punishment as per Clause 10.10.2. The answer sheet in respect of such candidates will not be subjected to valuation.
10.3.4 IMPORTANT: Extra care is needed while handling the OMR Answer sheet in the following respects.
DO NOT: (i) Pin or staple (ii) Punch or tag (iii) Make holes anywhere (iv) Wet or soil (v) Tear or mutilate (vi) Wrinkle or fold the OMR Answer Sheet.
10.4 Filling in the OMR Answer Sheet:

## IMPORTANT <br> 10.4.1 All entries in OMR answer sheet are to be made with blue or black ink BALLPOINT PEN only. <br> Marking with fountain pen, gel pen, sketch pen or pencil is not permitted. Use of any ink of colour other than blue or black is not permissible.

10.4.2 The answer sheet has two parts - "CANDIDATE'S DATA" on the left side and "ANSWERS" on the right with a thin perforation in between, length-wise. Fill in all the entries on the left side (Candidate's Data part) before beginning to answer questions.
(a) CANDIDATE'S DATA PART: (Left side of the sheet)

Fill in the boxes and the appropriate bubbles with blue or black ink ballpoint pen.
i) Version Code: Fill in and mark the Version Code as given in the Question Booklet with blue or black ink ballpoint pen. The Version Code should be entered without any corrections or overwriting.
ii) Roll Number: Fill in and mark the Roll No. as given in the admit card with ballpoint pen. The Roll number should be entered without any corrections or overwriting.
iii) Question booklet SI. No. has to be entered as given in the top right side of the question booklet.
iv) Name: Fill up the item correctly and legibly. Name is to be entered as given in the admit card with ballpoint pen.
v) Fill up the Roll Number again.
vi) Name of subject: Enter name of the subject.
vii) Signature of the Candidate: The candidate has to sign in this box and should be identical with the signature affixed in the admit card and attendance sheet.
The item for signature of the invigilator will be filled in by the concerned person.
(b) ANSWER PART OF THE OMR SHEET: (Right side of the sheet)

Do not write your roll number or name or make any stray marks on this part of the sheet. Do the marking for answers only in the spaces provided (bubbles).
10.4.3 Method of marking:
(a) The Answer part of the OMR sheet (right side) consists of ovals, known as 'bubbles'. USE ONLY BALLPOINT PEN (BLUE OR BLACK INK) for filling (marking) these bubbles. Marking with any other colour or with sketch/gel pen is not permitted.
(b) Each question will have five answers marked (A), (B), (C), (D) and (E).The most appropriate answer will have to be selected. Thereafter, using ballpoint pen (blue or black ink) mark the bubble corresponding to the most appropriate answer. For example if the answer to question 2 is C, bubble C has to be darkened as shown:

(c) Mark only one bubble for each question. The bubble should be filled completely and must be dark.
(d) Here are some wrong methods of marking answers, such as
Use of Tick-mark
Use of Cross-mark
Use of Dot
Use of Line-mark
Partially or half filled bubble
Marks outside the bubble
More than one blackened bubble

In all these cases mentioned above, though the candidate may have given the correct answer, it may not be read by the scanner because of the wrong method of marking the answer.
(e) The bubble should be filled completely. Candidates are advised not to make any special effort to mark bubbles artistically.
(f) Warning: Marking once made will be final.
(g) Any attempt to erase the mark once made will leave smudges or marks on the bubble, which will treat it as a valid mark.
(h) Any fresh mark made after attempting erasure of an already marked bubble will lead to multiple marks with the consequent penalty leading to Negative Mark.
10.5 The question booklet for each paper will be supplied to the candidate only five minutes before the actual time prescribed for the commencement of the examinations. The candidates should take care to mark the necessary entries, in the question booklet as well as on the OMR answer sheet immediately before beginning to answer the questions.
10.6 Immediately after the commencement of the examination, the candidate should check that the question booklet supplied is of the correct version and that it contains all the 120 questions in serial order. The question booklet should not have unprinted or torn or missing pages in it. If the question booklet does not agree with the above, the matter should be brought to the immediate attention of the invigilator. In such cases the invigilator should take immediate action to rectify the same by issuing the candidate a question booklet of the same version. The question booklet initially issued will be taken back only after the replacement is made.
10.7 Candidates are warned that they should enter only the necessary information as required in the OMR answer sheet (on the left part). Any additional information, which is not required and which may help to identify the candidate (made in any part of the OMR sheet), will be treated as malpractice activity as per Clause 10.10 and will be dealt as per Clause 10.10.2.
10.8 Candidates will get the copy of the OMR sheet after the completion of the examination. The copy which is attached to the Main OMR sheet will be detached by the Invigilator in the presence of the candidate after the completion of the examination. The candidates will be permitted to carry this copy with them after the Examination.
10.9 Any mistake in filling up the data part of the OMR sheet or in marking the answers will affect the valuation of the script adversely.

### 10.10 WARNING AGAINST MALPRACTICE

Malpractice is an activity that allows a candidate to gain an unfair advantage over other candidates. It includes, but not limited to:
a) Having in possession of papers, books, notes, correction fluid, whitener, correction pen, blade, pencil, eraser, electronic devices or any other material or information relevant to the examination concerned;
b) Paying someone to write examination (impersonation) or prepare material;
c) Breaching examination rules;
d) Assisting another candidate to engage in malpractice or attempting to do so;
e) Contacting or communicating or trying to do so with any person, other than the Examination Staff, during the examination time in the examination hall;
f) Taking away the answer sheet out of the examination hall;
g) Threatening any of the officials connected with the conduct of the examination or threatening any of the candidates;
h) Using or attempting to use any other undesirable method or means in connection with the examination;
i) Manipulation \& fabrication in online documents viz. Admit card, Allotment letter, Data sheet etc;
j) Forceful entry in Examination Hall with malafide intentions;
k) Possession of Calculators, Slide Rules, Log Tables, Geometry Box, Pencil box, Electronic Digital Watches with facilities of calculators, mobile phones, pagers or any other electronic gadget which are not allowed inside the Examination Hall;
l) Tampering of Barcode in the OMR sheet or mutilation of OMR sheet or marking unnecessary information on OMR.
m) Fabricated photograph uploaded to the online application:

Note:Parents/Guardians are advised to ensure that their ward does not indulge in unfair activities/malpractices which breach the examination rules. If any candidate is found to indulge in any such activity he/she shall be liable for punishment as per Clause 10.10.2.

### 10.10.1 GUIDELINES TO CHIEF SUPERINTENDENT

In the event of observing malpractice activity in the examination hall by a candidate, the candidate shall not be allowed to continue to write the examination. The examination Question Booklet, OMR and admit card of the candidate who indulges in the malpractice activity along with the materials in possession at examination hall which the candidate used for malpractice at the examination hall such as Calculators, Electronic Digital Watches with facilities of calculators, mobile phones, pagers or any other electronic gadget etc shall be confiscated and reported to the CEE with a report signed by the Invigilator, Chief superintendent and Observer in a sealed cover through the CEE representative/Liaison Officer.

### 10.10.2 PUNISHMENT FOR MALPRACTICE

If a candidate is found to have indulged in any of the malpractice activities or similar practices, during the course of Kerala Engineering Entrance Examination, before or later on, shall be deemed to have committed malpractice at examination and his/her candidature in the entrance examination will be cancelled. Such candidates shall be debarred from appearing the entrance examination conducted by CEE for not less than two years and shall also be liable for criminal action and /or any other action as deemed fit by CEE. Decision of the CEE in this regard shall be final.

### 10.11 IMPERSONATION

If during the Kerala Engineering Entrance Examination or at any stage of allotment/admission process of KEAM 2020 it is found that candidates appearing in the Kerala Engineering Entrance Examination or in the admission process of KEAM 2020 at the allotted College have indulged in any case of impersonation i.e. not matching the photograph/signature/documents of the candidates etc. he/she shall be handed over to the Police by the Chief superintendent/Liaison Officer /Principal as the case may be and the cases shall be dealt as per the Indian Penal Code in this matter for further investigation. The matter shall also be reported to the CEE by the Chief Superintendent/Liaison Officer /Principal in writing.
Such candidates will be debarred permanently from appearing for the KEAM Entrance Examination conducted by the CEE in future in addition to the cancellation of his/her candidature in the KEAM entrance examination of the year.
11. CENTRALISED ALLOTMENT PROCESS (CAP) \& ONLINE SUBMISSION OF OPTIONS

The Centralised Allotment Process will be done through the Single Window System (SWS) to give allotments to the various courses and colleges under the Engineering/ Architecture/ Pharmacy/Medical streams in the State, based on the options submitted by the candidates who have been included in the rank list of the Engineering/Architecture/B.Pharm/ MBBS\&BDS/Medical
\& Allied/Ayurveda courses for the year 2020, prepared by the Commissioner for Entrance Examinations (CEE), Kerala. This is a system of 'Allotments through Online Submission of Options'. The options are willingness of a candidate who qualified with a rank in the rank lists of KEAM-2020 to join a course-college combination prioritized as per his/her aspiration and desire subject to the conditions specified in Clauses 6 and 9.7.5. The CAP through which the Options are registered is a simple and transparent process of allotment to the Professional Degree Courses and it gives the candidate opportunity to exercise his/her options for courses and colleges of his/her choice conveniently in the order of his/her preference considering all those available to be chosen from. The allotments will be strictly based on the options exercised, the rank obtained and eligible reservations of the candidate. Candidates should register options only to those courses/colleges which they are sure to join on allotment. If the candidate fails to remit fee/join the college, he/she will lose the allotment as well as all the existing options in the stream to which the allotment belongs. The options once lost will not be available in the subsequent phases. When an allotment is given to a candidate, the previous allotments, if any, shall automatically be cancelled.
11.1 The online Centralized Allotment Process 2020 will be done by the Commissioner for Entrance Examinations (CEE), Kerala, with the technical support of the National Informatics Centre (NIC).
11.2 Seats in Government/Aided/KAU/KVASU/KUFOS/Self Financing Colleges to be allotted by the Commissioner for Entrance Examinations, will be included in the CAP and will be done as per the provisions of allotment.
11.3 (a) Seats for the Engineering, Architecture, B.Pharm, MBBS, BDS, Ayurveda, Homoeo, Siddha, Unani courses and seats for the Agriculture \& Forestry, Agricultural Engineering and Food Technology Courses under the Kerala Agricultural University, Fisheries and Food Technology course under Kerala University of Fisheries \& Ocean Studies, and Veterinary \& AH, Dairy Technology and Food Technology courses under Kerala Veterinary \& Animal Sciences University will be available for allotments by CEE through the CAP.
(b)The courses for Option Registration under CAP are classified as Engineering Stream, Medical Stream and Pharmacy Stream. All courses listed in Clauses 1.3.1 and 1.3.2 are included in Engineering Stream. All courses listed in Clauses 1.3.3, 1.3.4, 1.3.5 and 1.3.6 are included in Medical Stream. B.Pharm course under clause 1.3.7 is included in Pharmacy Stream.
(c) The candidates are eligible to register option to the courses of any stream or all streams provided they are qualified with a rank in the respective rank lists of KEAM-2020 as per the conditions specified in Clauses 5, 6 and 9 of the KEAM-2020 Prospectus.
(d) Only female candidates can register options to the courses in Women Colleges under CAP if they are otherwise qualified as per various Clauses of the KEAM-2020 Prospectus.

### 11.4 Rules and regulations governing allotments through submission of options:

11.4.1 Candidate to register options: Candidates included in the Rank lists for Engineering, Architecture, B.Pharm, MBBS/BDS/ BHMS/BSMS/BUMS, Agriculture/Veterinary/Forestry/Fisheries and Ayurveda courses 2020, will have to register their options in the stream(s) concerned as prescribed under Clause 11.5, for being considered for allotments to the courses and colleges under the respective stream(s).
11.4.2 Registering Options: Options can be registered only through the website, "www.cee.kerala.gov.in". Candidates will have to register their options in single stream or multiple streams (based on their eligibility) in the 'Option Registration Page' accessible through the 'Candidate Portal' within the stipulated period of time. Candidates should access the 'Option Registration Page' and follow the instructions given therein and as described in Clause 11.5, to register their options for courses and colleges. Options submitted to the CEE by Fax, Post, Hand delivery etc., will not be processed or considered on any account for allotment of seats.
11.4.3 Facility for Registering Options: Candidates can register their options within the time schedule specified, using any computer having internet facility. Candidates who do not have access to Internet facility can use the facility provided free of cost, by the Government at various centres across the state. 'Facilitation Centres' (FC) will be opened across the state during a specified period for the candidates who need assistance for registering their options. The list of FCs will be notified in due course. The Facilitation Centres will be functioning only during the period specified.
11.4.4 Time schedule for registering options: The facility for registering of options will be available only during the period specified in the notifications to be issued by the CEE. Wide publicity will be given through electronic and print media regarding the schedule and related matters. The facility will be withdrawn once the time period is over and candidate will not have access to this facility after this time period. A candidate, not registering his/her options as per the time schedule announced, will not be considered for allotments under his/her eligible streams
against any of the seats available then, irrespective of his/her rank. Requests for extension of time will not be entertained under any circumstances for registering options under any of the streams.
11.4.5 Registering of options in respect of candidates included in different Rank Lists: A candidate included in different rank lists, can register options of different streams simultaneously based on his/her order of priority of courses and colleges. All options available to the candidate, based on the streams he/she is eligible for, can be registered in a single registration. For example, a candidate included in the Engineering and Medical rank lists can register his/her options in the two streams together, within the specified period of time.
There is no separate time schedule for registering options under each of the streams. All options to all eligible streams will have to be registered as per the time schedule. No extension of time will be granted under any circumstances for registering options under any of the streams.
11.4.6 Eligibility for registering options: Only those candidates included in the different Rank Lists prepared and published by the CEE for 2020 are eligible to register their options in the stream concerned. Moreover, the candidates registering their options should satisfy all the eligibility conditions with regard to Nativity (Clause 6.1), Academic qualifications (Clause 6.2), Age (Clause $6.3)$, etc., of the Prospectus for admission to Professional Degree Courses 2020. Academic eligibility should be satisfied on the date of admission for various Courses. Principal/Head of the Institution will be personally responsible for verification of eligibility condition as prescribed in the Prospectus, when the candidate reports for admission. Only those candidates who are found to be qualified as prescribed shall be admitted to the college/institution irrespective of the fact that he/she has an allotment through the CAP.
11.4.7 Essentials for registering options: Candidates should have particulars such as Roll Number, Application Number and Password of KEAM-2020 in order to register their options in the website
(i) Roll number: This is the six-digit Number allotted by CEE to the candidate which is given in the Admit Card of KEAM-2020.
(ii) Application number: This is the seven-digit number printed on the left top part of the confirmation page of the Online Application submitted by the candidate for KEAM 2020. This is also printed in the Admit Card issued by the CEE to the candidate.
(iii) Password: The Password to be used is same as the one created and used during the online application submission stage.

### 11.5 Procedure for Registering Options:

Any candidate, who wishes to register his/her options, should have the 'Application number' and 'Password' readily available with him/her. The candidate must also have access to internet facility. For Assistance, candidates can contact the facilitation centres. The list of facilitation centres will be available in the web site. The candidate should follow the procedure given below for registering options:
(i) Log on to the 'Candidate Portal' through the website www.cee.kerala.gov.in using Application Number and Password.
(ii) Proceed to the Option Registration Page by clicking on the 'Option Registration' Link.
(iii) Register Options.
(iv) Save the Options registered
(v) View and Print the List of Options registered.
(vi) Log off from the 'Candidate Portal'.
11.5.1 Accessing the website: The candidate can access the website, 'www.cee.kerala.gov.in' from any computer having internet facility. The platform can be Windows or Linux based and a recent version of Mozilla Firefox is the recommended browser to be used.
11.5.2 Logging on to the 'Candidate Portal': In order to log on to the 'Candidate Portal', click the link 'KEAM 2020-Candidate Portal' given in the startup page of the website, and submit the Application number and Password correctly.
11.5.3 Accessing the 'Option Registration Page': In order to access the 'Option Registration Page', click the link 'Option Registration' given in the Candidate Portal.
Failure to provide the correct password will stop the candidate from proceeding to the Option Registration Page. It is the responsibility of the candidate to keep the password safe and secure. In case, assistance is necessary for logging on to and accessing the Option Registration Page, the candidate may contact a Facilitation Centre (FC). If the candidate cannot remember the password, he/she can reset it through the 'Forgot Password' link, given in the Candidate Portal.

Application number is candidate specific and hence is usable for the concerned candidate only. Disclosure of the Password to others who may misuse them can result in tampering of the options made by the candidate. The CEE/Government will not be responsible for any such eventuality.
11.5.4 Courses and Colleges available for registering options: A list of Course-College combinations available for allotments through the CAP will be displayed on the Option Registration page of the candidate based on the stream(s) the candidate is eligible for. For example, a candidate included only in the Engineering stream will see the Engineering courses together with the corresponding two-letter codes (Eg:- AE - Applied Electronics and Instrumentation, EC Electronics and Communication Engineering etc.). Similarly, a candidate in the Medical Stream, will see the Medical courses together with the corresponding two-letter codes (Eg:- MM-MBBS, MD-BDS, BA-BAMS etc.). A candidate eligible for both Engineering and Medical streams will see both Engineering and Medical courses. All the Colleges under the stream(s) applicable to the candidate will be shown with their respective three-letter codes (Eg:- TVE-College of Engineering, Thiruvananthapuram, TVM-Government Medical College, Thiruvananthapuram etc.).
11.5.5 Procedure for registering options in his/her Option Registration Page: By entering the option number for a course-college combination the candidate can fix his/her preference numbers for the course-college combinations displayed in the Option Registration Page. Here all the eligible options of the candidate will be displayed course-wise and the candidate is expected to enter his/her preference number for a particular combination.
11.5.6 Registering of the Options and saving/revising the Options registered:
(i) All eligible options of the candidate will be displayed on the Option Registration Page. The candidate may follow the directions given therein to register the options. The data entered may be saved regularly by clicking the 'Save' button, so that the data already entered is not lost due to unexpected reasons. The candidate should enter only those options in which he/she is interested. Candidates should also note that he/she will be considered for allotment only to those courses and colleges opted by him/her. So, a candidate who has not opted for a coursecollege combination will not be considered for allotment for that combination. Existing options, registered by the candidate which is available in the Option Registration Page, can be cancelled by clicking on the corresponding 'Delete' button. Changes (including deletions) made in the option list must be saved (by clicking on the SAVE button) before leaving the option registration page. All the valid options registered by the candidate will be processed. If a candidate gets allotted to a particular seat, based on his/her option, he/she is bound to accept it, failing which, he/she will lose that allotment as well as all the all the existing options in the stream to which the allotment belongs. The options once lost will not be available in the subsequent phases.
(ii) Option Worksheet facility: If a candidate experiences any difficulty in entering the data directly, he/she may first take a printout of the worksheet showing all the options he/she is eligible for, by clicking on the 'OPTION WORKSHEET' or 'DETAILED OPTION WORKSHEET' link on the page. The desired entries may be made on this work sheet and the same may be used for registering the options on the website. The preference numbers may be fixed using this worksheet and the data may be entered in the system subsequently. A candidate has the facility to modify or rearrange his/her earlier options before the last date and time fixed.
11.5.7 Viewing and Printing of the Option List based on the options registered: Once the candidate completes the option entry, he/she can view his/her options by clicking on the link provided. An option list will be generated and the candidate can take a printout of the same and keep it for future reference. If the candidate wants to change his/her options already registered, he/she may revise the options as desired and ensure that the option list has come as per his/her preferences.
11.5.8 Loging off from the Option Registration Page: Once the candidate is satisfied with the options registered, he/she may 'Log off' the system by clicking on "logout" link. The process of 'Registration of Options' is complete when the candidate logs off. This action is compulsory for preventing the misuse of his/her Option Registration Page by strangers.
11.5.9 Rearranging option priority: A candidate may change his/her option priority any number of times within the time schedule permitted. The priority of options registered at the time of closing of the facility for registering options alone will be considered for processing. No candidate will be allowed to register options afresh to any stream at any stage after the stipulated time as notified by the CEE. The option list once finalized cannot be augmented after the stipulated time for registering options. But the modification of the option list will be allowed only for cancellation/deletion and for re- arrangement of priority of options at the time specified in the notification by the CEE.
11.5.10 Trial Allotments: The CEE will conduct Trial Allotment before the closure of the time fixed for registering options during the $1^{\text {st }}$ Phase of allotment to give an idea about the chances of getting allotment to a course and college based on options and rank of the candidate. The trial Allotment does not guarantee that the candidate will get allotment in a college or course.
11.6 Processing of Options and Allotment:
11.6.1 Allotment Schedule: After the period earmarked for registering options, they will be processed and the allotment for all courses will be published on the website, "www.cee.kerala.gov.in", on the date notified by the CEE. The allotment memo, the printout of which can be taken from the website, will show the college to which the candidate is allotted and the fee to be remitted for the course allotted. The schedule of allotment will be notified separately. Necessary notifications will be issued by the CEE.
11.6.2 Remittance of Fee: The prescribed fee for the Course will have to be remitted by the candidate to the Account of the CEE in specified Post Offices in Kerala to be notified by the CEE or by way of Online Payment, as per the time schedule prescribed. After the candidate remits the fee in the first allotment, a fee receipt will be issued by the Post Office/can be printed from the Online Payment page, as token of allotment and remittance of fee. Those candidates who do not remit the fee on or before the date prescribed for the same will lose their allotment as well as all the existing options in the stream to which the allotment belongs. The options once lost will not be available in the subsequent phases. The second allotment will be published on the date specified. Candidates who have not received any allotment in the first allotment and who have received an allotment in the second allotment will have to remit the prescribed fee for the course allotted. If a candidate has a different allotment than the one received in the first allotment, the fee for which is higher than that remitted as per the first allotment, he/she will have to remit the difference in fee. The amount to be remitted in this manner will be shown in the allotment memo of the candidate. If the fee for the course allotted in the second allotment is less than or same as the fee remitted as per the first allotment, no further remittance is to be made by the candidate. The same process will be repeated in the subsequent allotments.
11.6.3 Admission for all courses: Candidates allotted to courses, and who remit the fee as prescribed, should take admission in the college allotted as per the schedule prescribed by the CEE. Candidates who do not take admission will lose their allotment as well as all the existing options in the stream to which the allotment belongs. The options once lost will not be available in the subsequent phases. The candidates are liable to pay admission fee as prescribed by the University concerned at the time of admission. If a candidate who got admission in any course, in any allotment of any phase under CAP conducted by the CEE, discontinues the course by taking TC to join another college or course which is not the part of CAP or for any other reasons not related to CAP will lose their allotment as well as all the existing options in the stream to which the allotment belongs. The options once lost will not be available in the subsequent phases.
11.6.4 Online Option Confirmation for participating in subsequent phases of allotment:

Candidates who are having valid options and who are willing to participate in the second allotment/subsequent allotment have to log in to his/her Option Registration Page and confirm their options by clicking the 'Confirm' button available in his/her Option Registration Page. Candidates can delete their unwanted options or alter the priority of existing options only after the online option confirmation.

> Online Option Confirmation is mandatory before each phase of allotment for participating in that particular phase of allotment. The facility for Online Option Confirmation will be made available in the website before each phase of allotment. A candidate who does not confirm the higher order options by clicking the' Confirm' button available in his/her Option Registration Page, his/her higher order options belonging to the course(s) included in that phase will not be available in subsequent phases also. However, his/her existing allotment shall be retained, subject to the conditions of Clauses 11.6 .2 and 11.6 .3 .

After each allotment, the options below the 'allotted one' of the candidate will automatically be removed from the option list of the candidate. For example, if a candidate had registered 45 options in all, and if he/she is allotted his/her $34^{\text {th }}$ option, all options from 35 to 45 will be removed from the option list. Since the $34^{\text {th }}$ option is the allotted one, it will not be seen in the option list. Options from 1 to 33 only will remain valid and will be considered for future allotments.
(ii) If a candidate is satisfied with an allotment and does not want to be considered against his/her remaining options, he/she will have the facility to cancel all the remaining options. He/she may
cancel options in a particular stream alone. He/she may also cancel specific options among the remaining options as per his/her desire. The candidate will also have the facility to alter the priority of the remaining options. But the candidate will not be permitted to register any fresh options to the existing ones.
(iii) The facility for confirmation and cancellation/ deletion/alteration will be available for a specified period of time as notified, after which the facility will be withdrawn. A candidate retaining all or any of the options after each allotment is bound to accept the next allotment, if any, given to him/her. If the candidate fails to accept the allotment, he/she will lose all the allotments/ admission and will lose the existing options in the stream to which the latest allotment belongs.
(iv) Forfeiture of the claims in CAP: The claims in Centralised Allotment Process conducted by the CEE will be cancelled under the following reasons.
(a) Non payment of tuition fee as specified in the allotment memo.
(b) Non joining of the course/college within the stipulated time as specified by the CEE.
(c) Discontinued with TC to join courses other than the courses allotted by the CEE or for any other reason.
11.6.5 Further Allotments: Details regarding further allotments will be notified by the Commissioner for Entrance Examinations.
11.6.6 Last Rank Details: The last rank details of the allotment will be published after each allotment and will be made available on the website. The last rank given will be the rank of the candidate and not the position in the category list.
11.6.7 General Rules related to registering of Options:
(i) Candidate can register all the available options if he/she desires so. However, it is not compulsory that the candidates should exercise all the options.
(ii) A candidate will not be allotted a seat in a course of a college if he/ she has not opted the course-college combination during option registration process of CAP-2020.
(iii) A candidate is bound to accept an allotment as per the priority registered in the Option list and he/she has to surrender the seat already occupied by him/her, if he/she is allotted based on options furnished against arising/future vacancy. Request to retain the existing admission after an allotment is made, based on the option registered, will not be considered under any circumstances.
(iv) Failure to report for admission in the allotted institution, after remitting the required fee within the stipulated time will result in the forfeiture of his/her allotment to that course and cancellation of all the existing options in the stream to which that allotment belongs.
(v) For each phase of CAP 2020 subsequent to the initial phase, confirmation of the higher order options by loging in to the Option Registration Page and clicking the 'confirm' button is mandatory to participate in that phase of allotment even if no cancellation/re-arrangement of options is desired. Non-confirmation of higher order options for a particular phase of CAP will lead to automatic deletion of higher order options belonging to the course(s) included in that phase, making them unavailable for the subsequent phases also.
11.6.8 Allotments as per guidelines:
(i) As per the schedule fixed by the Hon'ble Supreme Court of India, no student shall be admitted to Medical/Dental colleges after August $31^{\text {st }}$ of each year. Hence no allotments for 2020-21 will be made to the MBBS/BDS courses after 31.08.2020.
(ii) As per the guidelines of Central Council of Indian Medicine, allotments to BAMS, BSMS and BUMS courses for 2020-21, will not be made after 30.09.2020. Similarly, no allotments to the BHMS course for 2020-21 will be made after 30.09.2020, as per the guidelines of Central Council of Homoeopathy.
(iii) Allotment/ Admission to Engineering courses will not be made after $15^{\text {th }}$ August of every year vide judgment of the Hon'ble Supreme Court of India dated.13.12.2012 in the Civil Appeal No. 9047 and 9048 of 2012. Similarly no allotment to the B.Pharm Courses for 2020-21 will be made after 15.08.2020, as per the guidelines of AICTE.
(iv) Candidates allotted to the Engineering courses must join in the respective colleges at the third and final allotment.
11.6.9 Mop-Up Counseling : Mop-Up Counseling for filling up the remaining vacant seats, if any, will be conducted after the completion of the Centralised allotment process. All qualified candidate included in the rank lists concerned is entitled to attend the Mop-Up Counseling. However, the eligibility/claims of candidates to participate in a Mop-Up Counseling shall be in accordance with the conditions in the relevant Government Orders/Orders of the Hon'ble Courts, concerned Central Councils. The courses under Engineering stream are listed in Annexure II (1) (b). The Commissioner for Entrance Examinations is authorized to issue necessary orders regarding Mop-Up Counseling in due course. Detailed notification will be issued at the time of allotment.
11.7 Post Allotment Activities:
11.7.1 Reporting at the College: Candidates who get allotment will have to report before the Principal/Head of the Institution concerned for admission on the dates notified with the following documents :
(a) Certificate to prove date of birth.
(b) Transfer Certificate from the Institution last attended and Conduct Certificate.
(c) Original mark list of the qualifying examination (Higher Secondary or equivalent) and the Pass certificate of the qualifying examination (if issued).
(d) Eligibility certificate from any University in Kerala, in the case of candidates who have passed a qualifying examination other than Higher Secondary Examination/Vocational Higher Secondary Examination conducted by Government of Kerala or the examination conducted by CBSE and CISCE.
(e) Migration Certificate, if applicable.
(f) Physical Fitness Certificate in the relevant format given in Annexure XVII (a) or XVII (b) of the Prospectus 2020.
(g) Receipt of fee remitted.
(h) Data sheet of KEAM 2020.
(i) Admit card of NEET-UG-2020(if applicable)
(j) Allotment Memo issued by the CEE.
(k) Any other documents required in the allotment Memo/Notification.
(l) Originals of all the documents and certificates uploaded with the online application.
(m) Fee/balance fee of the course should be paid at the time of admission.

The candidate is specifically instructed not to inform his/her Password to the institutions concerned.
11.7.2 Verification of Documents: The Principal/Head of the College or Institution shall be personally responsible for verification and satisfaction of the correctness of the documents/Certificates produced by the candidate at the time of seeking admission in the college/institution. The University concerned shall also verify the records produced by the candidate who got admission in the college/institution by deputing special teams and submit a report to Government within 10 days from the last date fixed for final allotment of seats.
11.7.3 Failure to pay the tuition fee/report for Admission: Candidates who do not pay the tuition fee or do not take admission on the prescribed date will lose their allotment as well as all the existing options in the stream to which that allotment belongs.
11.7.4 Cancellation of Higher Options after joining a College: Candidates who join the college on the dates specified can cancel their remaining options fully or partially or change the priority of their remaining options before the dates prescribed and as specified in clause 11.6.4. A candidate interested in subsequent allotment must login to his/her Option Registration Page and click the 'confirm' button available therein and can delete their unwanted options or alter the priority of existing options.

### 11.8 Seat allotment protocol in Government/Aided/KAU/KVASU/KUFOS Colleges:

11.8.1 Admission \& Allotment: A distinction will be made between 'Admission' to a course and seat 'Allotment' to a college. Admissions are offered through allotment of seats under CAP. Allotments will be first offered under State Merit (SM) even to candidates having eligible reservation benefits as per mandatory reservation so long as vacancies are available under the same, statewide. Only after all the 'State Merit' vacancies are exhausted across the State, seats will be offered under the candidate's eligible reservation quotas under mandatory reservation. (Refer Clause 5)

### 11.8.2 State-wide Principle of Allotment in Government/Aided/KAU/KVASU/KUFOS Colleges:

Allotment of seats in Government/Aided/KAU/KVASU/KUFOS Colleges is governed by a 'statewide' principle of selection approved by the Government of Kerala in G.O.(MS) No.122/98/H.Edn. dated 07.10.1998. According to the G.O., 'Candidates of the reserved category who will otherwise come in the open merit list will be allotted to the college of his choice provided he would have been eligible for allotment to that college if he was treated as candidate coming under reservation quota. While a reserved category candidate entitled to admission on the basis of his merit will have the option of taking admission to the colleges where a specified number of seats have been kept reserved for reserved category but while computing the percentage of reservation he will be deemed to have been admitted as an open category candidate and not as a reserved category candidate'. As per the above principle, all seats available for allotment by CEE in Government/Aided/KAU/KVASU/KUFOS Colleges for a particular course (Eg:- BAMS under Medical stream or Electronics \& Communication under Engineering stream) available in all the Government and Aided colleges put together will be computed state-wide and the total seats so obtained for each course in these Colleges together, will be distributed statewide for the different categories by applying the mandatory reservation principle as mentioned in Clause 4.1.5. While following the above principle of allotment, the institution-wise break-up of seats that is earmarked under each category as per the mandatory reservation principle will be changed in certain colleges.
11.8.3 Allotment in Government/Aided/KAU/KVASU/KUFOS Colleges to Candidates with multiple Claims under Mandatory Quota: All candidates included in the Rank Lists are eligible for allotment under State Merit (SM). Candidates might be entitled for other reservation quotas also under Mandatory Reservation. For example, a candidate may have the benefit of SEBC reservation (EZ/MU/BH/ LA/DV/VK/KN/BX/KU) or Scheduled Caste (SC) or Scheduled Tribe (ST) claim. The seats will be offered on the hierarchy of quotas.
The hierarchy in order is as follows:
(i) State Merit (SM) - All candidates included in the Rank Lists are eligible for allotment under State Merit.
(ii) A candidate without SEBC/SC/ST reservation benefit will be considered only against the 'State Merit' seats wherever available at the time of allotment. Such candidates will be allotted a seat as per the availability of seats.
11.8.4 Allotments under Special Reservations: Candidates may be eligible for Special Reservations and/or reservation benefits under 'Persons with Disabilities'. Such allotment will be only to the colleges where the seats have been identified. Allotment under these categories will not be governed by the provisions of the GO referred to in clause 11.8.2. The allotment of seats under Special reservation will be taken up along with the General Allotment. However such candidates will also be considered for allotments as per the Clauses 11.8.2 and 11.8.3, if they are eligible for SEBC/SC/ST reservation benefits.
11.9 Seat allotment protocol in Self-financing Colleges: Allotment of seats in Self-financing colleges will be college/institution wise. Details will be notified separately.
11.10 In case, candidates are directed to appear for a personal counseling at any stage of allotment process and a candidate is not able to attend the allotment process on genuine grounds, the parent/guardian or any authorized person can act as a proxy at the risk of the candidate, on production of authorization letter in the form given in Annexure XIX. Authorization letter once received will be considered valid for the entire allotment process, unless the candidate revokes it in writing.
12. FEES
12.1 Fees for the various courses in Govt./Aided Colleges will be as fixed by the Government, from time to time. Fees for the various courses in Self-financing Institutions will be notified separately. The details of fee structure for various courses will be published before the commencement of the CAP 2020. The list of Private Self Financing Institutions which offer additional fee concessions will be published in the official website of the Commissioner for Entrance Examinations, www.cee.kerala.gov.in before the commencement of CAP 2020.
12.1.1 Candidates belonging to SC/ST communities allotted against merit seats or against the seats reserved for them are exempted from payment of fees. Candidates belonging to OEC admitted against merit seats or against the un-availed seats of SC/ST are exempted from payment of fee (G.O.(MS) No.14/2005/SCSTDD dated 5.4.2005 \& G.O.(Ms) No.36/07/SCSTDD dated 03.07.2007). Candidates belonging to OEC admitted to Government seats through SEBC reservation are also exempted from payment of fee (G.O.(Ms) No. 50/2006/SCSTDD dated 22.09.2006).
(a) Claim for fee concession to OEC candidates: Candidates belonging to Other Eligible Communities are exempted from payment of fee at the time of allotment to professional Degree

Courses under Government/Community quota as per G.O. (MS) No. 36/07/SCSTDD dated 03.07.2007. Those OEC candidates who have submitted the Non-Creamy Layer Certificate for availing the applicable reservation will be granted the fee concession based on the Non-Creamy Layer Certificate. But those OEC candidates who do not come under Non-Creamy Layer Category should upload the Community Certificate obtained from the village officer to the online application for availing the fee concession.
(b) Claim for fee concession to the candidates belonging to communities listed in Annexure X (a): Candidates belonging to the communities listed in Annexure $X$ (a) whose annual family income is up to Rs. 6 lakhs are exempted from payment of fee at the time of allotment to Professional Degree Courses under Government/Community Quota as per GO (MS) No. 10/2014/BCDD dated: 23.05.2014. They should upload Community and Income Certificates from the Village Officer in the prescribed format to the online application.
12.1.2 Candidates who are children of Inter-Caste married couple of which one is SC/ST, will be eligible for educational and monetary benefits admissible to SC/ST as per GO (MS) No.25/2005/SCSTDD dated 20.6.2005 if they upload the 'Inter-Caste Marriage Certificate' issued by Tahasildar to the online application.
12.1.3 Claim for fee concession to the Children of Fishermen: Candidates who are children of Registered Fishermen allotted against Merit seats or against the seats reserved for them are exempted from payment of fees to Professional Degree Courses as per GO(Ms) No. 47/14/FPD dated: 09.06.2014, if they upload a Certificate from concerned Fisheries Officer of Kerala Fishermen Welfare Fund Board to the online application.
12.1.4 Claim for fee concession to the inmates of Sri Chitra Home, Nirbhaya Home, Juvenile Home: Candidates who are inmates of Sri Chitra Home, Nirbhaya Home, Juvenile Homes and other institutions run by Government allotted against Merit seats are exempted from payment of fees to Professional Degree Courses as per GO(Ms) No. 130/90/H.Edn dated: 31.05.1990. A certificate in this regard from the authority concerned is to be uploaded to the online application for availing the fee concession.

### 12.2 Payment of Fees:

12.2.1 The fee for a course allotted to the candidate will have to be paid within the stipulated time by way of Online Payment or through payment at specified Post Offices in Kerala. If a candidate moves to another course in the same stream, the fee for which is higher than the fees applicable for the course allotted earlier, the balance fee will have to be remitted. Candidates getting fresh allotment also will have to remit the fees applicable. The fee so collected from the candidates will be transferred to the college where the candidate stands admitted at the closing of admissions for the year.

### 12.2.2 Refund of fees:

(a) For courses regulated by the AICTE (Engineering and Pharmacy):- Eligibility for fee refund shall be in accordance with the relevant clauses of the AICTE approval process handbook 2020-21 dealing with refund cases. The existing guidelines in this regard are:
(i) In the event of a student withdrawing before the start of the Course, the entire fee collected from the student, after a deduction of the processing fee of not more than ₹1000/-(Rupees One Thousand only) shall be refunded by the Institution. It would not be permissible for Institutions to retain the School/ Institution Leaving Certificates in original.
(ii) In case, if a student leaves after joining the Course and if the vacated seat is consequently filled by another student by the last date of admission, the Institution must refund the fee collected after a deduction of the processing fee of not more than ₹1000/-(Rupees One Thousand only) and proportionate deductions of monthly fees and hostel rent, where applicable. In case the vacated seat is not filled, the Institution should refund the Security Deposit, if any, collected and return the original documents.
(iii) The Institution should not demand fee for the subsequent years from the students cancelling their admission at any point of time. Fee refund along with the return of Certificates should be completed within 7 days.
(b) For all courses except the courses regulated by the AICTE:-Candidates who cancel their admission by obtaining Transfer Certificate before the dates announced by the CEE for the same are eligible for refund of fees.

Note: In the case of fee, if any, to be refunded by the CEE, the refund process will be initiated only after the closing date of admission of all the courses under KEAM-2020. No interest will be paid to the Candidates.

### 12.2.3 No refund of fees:

(a) For courses regulated by the AICTE (Engineering and Pharmacy):-

AICTE has issued guidelines regarding the conditions under which a candidate who cancels his/her admission is eligible for refund of fees. Please refer clause 12.2.2(a) of this prospectus
(b) For all courses except the courses regulated by the AICTE:-
(i) No refund of fees will be made to candidates who apply for Transfer Certificate/ Cancellation of admission under any circumstances, after the last allotment notified by the CEE. They will have to pay Liquidated damages as stipulated in Clause 12.2.4.
(ii) Candidates who do not take admission in the last phase of allotment in the respective courses will not be eligible for refund of fees. They will have to pay Liquidated damages as stipulated in Clause 12.2.4.

### 12.2.4 Liquidated damages:

(a) Levying amount towards liquidated damages from candidates discontinuing their studies:
(i) For courses regulated by the AICTE (Engineering and Pharmacy):- AICTE has issued guidelines regarding cancellation of admission at various stages. Please refer clause 12.2.2(b) of this prospectus.
(ii) For all courses except the courses regulated by the AICTE :-

1. For MBBS/BDS course:-

If any candidate admitted against Government Seats in the Government/Self financing Medical \& Dental Colleges allotted by the CEE for MBBS/BDS courses discontinues after the last allotment notified by the CEE in the same academic year, to join other Courses/Colleges or for other purposes, he/she is liable to pay liquidated damages of Rs.10,00,000/- (Rupees Ten Lakhs only) for MBBS course and Rs.5,00,000/- (Rupees five lakh only) for BDS course, irrespective of annual family income/ nativity/ reservation status and also liable to be debarred from appearing for the Entrance Examinations and/or allotments conducted by the CEE for a period not exceeding two years. In case of failure to remit the penalty, the same is liable to be recovered under the Revenue Recovery Act.

The candidates should execute a bond in the prescribed format shown in the Annexure XXV regarding the payment of Liquidated damages.
2. For the remaining courses:-

If any candidate admitted to courses in Government/Aided/Government controlled Self Financing/Private Self Financing colleges, discontinues the studies after the last allotment notified by the CEE in the same academic year, to join other Courses /Colleges or for other purposes, he/she is liable to pay liquidated damages of Rs.75,000/- (Rupees seventy five thousand only). In all such cases the Transfer Certificate will be issued only after remitting the liquidated damages to the admitting authority concerned. Candidates belonging to SC/ST/OEC categories, candidates belonging to 'Keralite' category, as per Clause 6.1 (i), whose annual family income is below Rs.75,000/- and who have uploaded Income Certificate to the online application for admission to Professional Degree Courses 2020, candidates who are transferred from one institution to another as per proceedings of the University concerned and the students admitted in Government/Management seats in Professional Colleges who discontinue their studies to join at any stage of the Course in National Defence Academy/ Naval Academy/ Defence Institutions are exempted from this condition and avoided from payment of liquidated damages.
The candidates should execute a bond in the prescribed format shown in the Annexure XXV regarding the payment of Liquidated damages.
(b) On discontinuance of a course after the first academic year, liquidated damages shall be collected in the following manner:
(i) For courses regulated by the AICTE (Engineering and Pharmacy):- AICTE has issued guidelines regarding cancellation of admission at various stages. Please refer clause 12.2.2(a) of this prospectus.
(ii) For all courses except the courses regulated by the AICTE:- Liquidated damages shall be levied as in Clause 12.2 .4 (a)(ii) $1 \& 2$ above or fees for remaining years, whichever is higher, irrespective of annual family income/nativity/ reservation status.
(c) Penalty for Filing/Retaining unnecessary options:
(i) For courses regulated by the AICTE (Engineering and Pharmacy):- Candidates who file/retain unnecessary options, but do not take admission on allotment to the Course/College during the final phase of allotment to a course as notified by the CEE, will lose the fee, if any, already paid to the CEE, if the concerned allotment is conducted after the start of classes and the resulting vacant seats remain unfilled.
(ii) For all courses except the courses regulated by the AICTE:- Candidates who file/retain unnecessary options, but do not take admission on allotment to the Course/College during the final phase of allotment to a course as notified by the CEE, resulting in Government seats and Management seats allotted by the CEE to lapse, will be penalized. They will be liable to pay penalty of Rs.10,00,000/- (Rupees Ten Lakhs Only) for MBBS course, Rs. 5,00,000/- (Rupees five lakh only) for BDS course and Rs.50,000/-(Rupees Fifty Thousand Only) for all other courses irrespective of annual family income/nativity/reservation status. Their candidature is also liable to be cancelled and also will be debarred from appearing the Entrance Examinations and/or allotments conducted by the CEE for a period not exceeding two years. In case of failure to remit the penalty, the same is liable to be recovered under the Revenue Recovery Act.
12.2.5 Refund of Excess amount collected as fee: The fees collected from candidates will be transferred to the college where the candidate stands admitted on closing of admissions. In case the candidate has moved to a course, the fee for which is lesser than the amount remitted by him/her at the time of the earlier allotment, the excess fee collected will be refunded to the candidate after closing of admissions. The candidates need not submit any individual request in this regard. No interest will be paid to the candidate on the balance amount due to him/her.
13. COURSES, INSTITUTIONS - SPECIAL FEATURES
13.1 Medical Courses under the DME:
(a) The selected candidate should report before the Principal concerned on the date and time as directed by the CEE. No extension of time for joining the course will be granted under any circumstances. Failure to appear before the Principal concerned for admission on the date and time fixed will forfeit his/her selection to the course.
(b) All students getting selected should get themselves vaccinated against Hepatitis, MMR and Chicken pox, before admission. A certificate to this effect will have to be produced at the time of admission.
(c) Students who successfully complete the MBBS course from Medical Colleges in the State, on completion of the MBBS Course, are liable to serve in rural areas. The provisions relating to this stipulation will be as given in appropriate Government orders issued from time to time.
13.2 Ayurvedacharya - BAMS, Siddha- BSMS and Unani- BUMS Courses:
(a) Degree will be awarded only on production of certificate of having successfully completed the prescribed one year internship.
(b) Medium of instruction will be English.
13.3 Homoeopathy - BHMS Course:

The degree will be awarded only after successful completion of one year internship as prescribed by the Central Council of Homoeopathy.
13.4 Other conditions for the courses under the Kerala Agricultural University/Kerala Veterinary \& Animal Sciences University/Kerala University of Fisheries \& Ocean Studies:
(a) Discontinuance and attendance: The students will not be allowed to discontinue the course of studies temporarily during the first two semesters. If a student admitted to the first year Under Graduate course does not register for the courses of first semester of that year or having registered, secures less than $80 \%$ attendance in 3 or more courses, his/her name shall be removed from the roll.
(b) The medium of instruction for the above Degree courses will be English.
(c) All the above courses involve practical fieldwork requiring considerable physical exertion. The candidates who would not be able to do such physical work need not apply.
(d) The following minimum physical standards are prescribed for BSc. (Hons.) Forestry course.

| Gender | Height (cm) | Chest girth (cm) |  |
| :--- | :---: | :---: | :---: |
|  |  | Normal | Expanded |
| Male | 163 | 79 | 84 |
| Female | 150 | 74 | 79 |

(e) Candidates selected and sponsored by ICAR and children of persons of Kerala origin settled in Andaman Nicobar Island and Lakshadweep need not produce the nativity certificate for admission to the respective seats reserved for them.
(f) In the case of in-service candidates, as mentioned in Clause 5, certificate showing the period of service from the head of office in which they are working should be produced.
(g) Certificates regarding the physical standards/fitness prescribed may be obtained from a Medical Officer in service not below the rank of an Assistant Surgeon in the concerned specimen form as given in Annexure XVII (a)/XVII (b) as applicable.
(h) The physical standards in respect of candidates who have been allotted to BSc.(Hons.) Forestry course will be finally checked by the Kerala Agricultural University before admitting them to the above course.
13.5 Transfer to other institutions: Transfer of candidates who are admitted to courses under Kerala University of Health Sciences to other institutions within the University during the course of study and internship will be in accordance with the regulations of Kerala University of Health Sciences.

### 13.6 Engineering/Architecture Courses:

Those candidates who have been allotted to various Engineering/ Architecture courses in the State should produce a Physical Fitness Certificate in the Proforma given in Annexure XVII (b) at the time of admission.
Candidates allotted to Engineering/Architecture/B.Pharm Courses will have to get vaccinated against Hepatitis-B, before they take admission in the allotted college, as per AICTE guidelines.

Note: Tuition Fee Waiver Scheme will be implemented as per the norms fixed by the AICTE. The candidates admitted under Fee Waiver Scheme will not be allowed to change college/course. The implementation of the scheme for Engineering course will be subject to the orders issued by Government of Kerala from time to time.

## 14. OTHER ITEMS

14.1 The Commissioner for Entrance Examinations will not entertain any request for change of the date of Entrance Examinations or Centralised Allotment Process or enquiries with regard to the date of declaration of the results.
14.2 All disputes pertaining to the examination, selection or admission shall fall within the jurisdiction of the Hon'ble High Court of Kerala.
14.3 Any other items not specifically covered in this prospectus will be decided by the CEE and his decision shall be final.

### 14.4 Preventive measures against ragging:

According to the Kerala Prohibition of Ragging Act, 1998, 'ragging' means doing of any act by disorderly conduct to a student of an educational institution, which causes or is likely to cause physical or psychological harm or raising apprehension or shame or embarrassment to that student and includes teasing or abusing or playing practical jokes or causing hurt to such students or asking a student to do any act or to perform something which such student will not in the ordinary course be willing to do.
All Institutions will have to abide by the directives of the Honourable Supreme Court of India, Dated May 16, 2007 in SLP No.(s) 24295 of 2006 University of Kerala Vs Council, Principals', Colleges, Kerala \& Ors [with SLP (C) No.24296-99/2004 \& W.P.(Crl) No.173/2006 \& SLP (C) No.14356/2005] and the recommendations approved by the Honourable Supreme Court of India on effective prevention of ragging in educational institutions.
In case, the applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he/she has indulged in ragging, admission may be refused or he/she shall be expelled from the educational institution.

It shall be the collective responsibility of the authority of the institution to see to it that effective steps for preventing ragging are taken. Anti-ragging committees and anti-ragging squads will have to be formed to take effective measures against ragging and they should adhere to the stipulations and effectively monitor and comply with the directives.
Each of the students of the institution and his/her parents, or guardian are required to submit a combined undertaking at the time of registration/admission in prescribed format available in Annexure - XXII which is mandatory for registration/admission.

Thiruvananthapuram
Date: 30.01.2020
(Sd/-)
Commissioner for Entrance Examinations

ANNEXURE - I
SYLLABUS FOR THE ENTRANCE EXAMINATIONS, 2020
(See Clause 9.5.1)

## MATHEMATICS

## UNIT I: ALGEBRA

## Sets, Relations and Functions

Sets and their representations: Finite and Infinite sets; Empty set; Equal sets; Subsets; Power set; Universal set; Venn Diagrams; Complement of a set; Operations on Sets (Union, Intersection and Difference of Set); Applications of sets: Ordered Pairs, Cartesian Product of Two sets; Relations, reflexive, symmetric, transitive and equivalence relations. Domain, Co-domain and Range: Functions: into, onto, one - one into, one-one onto Functions; Constant Function; Identity Function; composition of Functions; Invertible Functions; Binary Operations.

## Complex Numbers

Complex Numbers in the form $a+i b$; Real and Imaginary Parts of a complex Number; Complex Conjugate, Argand Diagram, Representation of Complex Number as a point in the plane; Modulus and Argument of a Complex Number; Algebra of Complex Numbers; Triangle Inequality; $\left|\mathrm{Z}_{1}+\mathrm{Z}_{2}\right| \leq\left|\mathrm{Z}_{1}\right|+\left|\mathrm{Z}_{2}\right| ;\left|\mathrm{Z}_{1} \cdot \mathrm{Z}_{2}\right|=\left|\mathrm{Z}_{1}\right|\left|\mathrm{Z}_{2}\right|$; Polar Representation of a Complex Number and square root of a complex number. Solution of a Quadratic Equation in the Complex Number System.

## Sequences and Series

Sequence and Examples of Finite and Infinite Sequences; Arithmetic Progression (A..P): First Term, Common Difference, $\mathrm{n}^{\text {th }}$ Term and sum of n terms of an A.P.; Arithmetic Mean (A.M); Insertion of Arithmetic Means between any Two given Numbers; Geometric Progression (G.P): first Term, Common Ratio and $\mathrm{n}^{\text {th }}$ term, Sum to n Terms, infinite GP and its sum. Geometric Mean (G.M); Insertion of Geometric Means, Relation between AM and GM. between any two given numbers . Formula for finding the sum of first $n$ natural numbers, sum of the squares of first $n$ natural numbers and sum of the cubes of first n natural numbers.

## Permutations, Combinations, Binomial Theorem and Mathematical Induction

Fundamental Principle of Counting; The Factorial Notation; Permutation as an Arrangement; Meaning of $P(n, r)$; Combination: Meaning of $C(n, r)$; Applications of Permutations and Combinations. Statement of Binomial Theorem; Proof of Binomial Theorem for positive integral Exponent using Principle of Mathematical Induction and also by combinatorial Method; General and Middle Terms in Binomial Expansions; Properties of Binomial Coefficients; Binomial Theorem for any Index (without proof); Application of Binomial Theorem. The Principle of Mathematical Induction, simple Applications.

## Matrices and Determinants

Concept of a Matrix; Types of Matrices; Equality of Matrices (only real entries may be considered): Operations of Addition, Scalar Multiplication and Multiplication of Matrices; Statement of Important Results on operations of Matrices and their Verifications by Numerical Problem only; Determinant of a Square Matrix; Minors and Cofactors; singular and non-singular Matrices; Applications of Determinants in finding the Area of a Triangle. Concept of elementary row and column operations. Transpose, Ad joint and Inverse of a Matrix; Consistency and Inconsistency of a system of Linear Equations; Solving System of Linear Equations in Two or Three variables using Inverse of a Matrix (only up to 3X3 Determinants and Matrices should be considered).

## Linear Inequalities

Solutions of Linear Inequalities in one variable and its Graphical Representation; solution of system of Linear Inequalities in one variable; Graphical solutions of Linear Inequalities in two variables; solution of system of Linear Inequalities in two variables.

## Mathematical Reasoning

Mathematically acceptable statements and their Negation. Connecting words /phrases consolidating the understanding of if and only if condition, implies, and/or, implied by, there exists. Validating the statements involving the connecting words, difference among contradiction, converse and contrapositive.

## UNIT II : TRIGONOMETRY

Trigonometric functions and Inverse Trigonometric functions
Degree measures and Radian measure of positive and negative angles; relation between degree measure and radian measure, definition of trigonometric functions with the help of a unit circle, periodic functions, concept of periodicity of trigonometric functions, value of trigonometric functions of x for $\mathrm{x}=0, \pi / 6, \pi / 4, \pi / 3, \pi / 2, \pi, 3 \pi / 2,2 \pi$; trigonometric functions of sum and difference of numbers.
$\operatorname{Sin}(x \pm y)=\operatorname{Sin} x \operatorname{Cos} y \pm \operatorname{Cos} x \operatorname{Sin} y ; \operatorname{Cos}(x \pm y)=\operatorname{Cos} x \operatorname{Cos} y \mp \operatorname{Sin} x \operatorname{Sin} y ; \operatorname{Tan}(x \pm y)=\frac{\operatorname{Tan} x \pm \operatorname{Tan} y}{1 \mp \operatorname{Tan} x \operatorname{Tan} y} ;$
$\operatorname{Sin}(2 \pi \pm x)= \pm \operatorname{Sin} x, \operatorname{Cos}(2 \pi \pm x)=\operatorname{Cos} x ; \operatorname{Cos}(-x)=\operatorname{Cos} x, \operatorname{Sin}(-x)=-\operatorname{Sin} x ; \operatorname{Cos}(\pi / 2 \pm x)= \pm \operatorname{Sin} x$
$\operatorname{Sin}(\pi / 2 \pm x)=\operatorname{Cos} x ; \operatorname{Cos}(\pi \pm x)=-\operatorname{Cos} x, \operatorname{Sin}(\pi \pm x)= \pm \operatorname{Sin} x$
Trigonometric functions of multiple and submultiples of numbers.
$\operatorname{Sin} 2 x=2 \operatorname{Sin} x \operatorname{Cos} x ; \quad \operatorname{Sin} 3 x=3 \operatorname{Sin} x-4 \operatorname{Sin}^{3} x ; \operatorname{Cos} 2 \mathrm{x}=\operatorname{Cos}^{2} x-\operatorname{Sin}^{2} x=1-2 \operatorname{Sin}^{2} x=2 \operatorname{Cos}^{2} x-1$;
$\operatorname{Cos} 3 \mathrm{x}=4 \operatorname{Cos}^{3} x-3 \operatorname{Cos} x$
$\operatorname{Tan} 3 x=\frac{3 \operatorname{Tan} \mathrm{x}-\operatorname{Tan}^{3} x}{1-3 \operatorname{Tan}^{2} x} ; \operatorname{Sin} \mathrm{x}+\operatorname{Sin} \mathrm{y}=2 \operatorname{Sin}\left(\frac{\mathrm{x}+\mathrm{y}}{2}\right) \operatorname{Cos}\left(\frac{x-y}{2}\right) ; \operatorname{Cos} \mathrm{x}+\operatorname{Cos} \mathrm{y}=2 \operatorname{Cos}\left(\frac{\mathrm{x}+\mathrm{y}}{2}\right) \operatorname{Cos}\left(\frac{\mathrm{x}-\mathrm{y}}{2}\right)$
$\operatorname{Sin} \mathrm{x}-\operatorname{Sin} \mathrm{y}=2 \operatorname{Cos}\left(\frac{\mathrm{x}+\mathrm{y}}{2}\right) \operatorname{Sin}\left(\frac{\mathrm{x}-\mathrm{y}}{2}\right) ; \operatorname{Cos} \mathrm{x}-\operatorname{Cos} \mathrm{y}=-2 \operatorname{Sin}\left(\frac{\mathrm{x}+\mathrm{y}}{2}\right) \operatorname{Sin}\left(\frac{\mathrm{x}-\mathrm{y}}{2}\right)$
Conditional identities for the angles of a triangle, solution of trigonometric equations of the type $\operatorname{Sin} x=\operatorname{Sin} a ; \operatorname{Cos} x=\operatorname{Cos} a ; \operatorname{Tan} x=\operatorname{Tan} a$ and equations reducible to these forms. Proofs and simple application of sine and cosine formulae. Inverse Trigonometric functions. Range, domain, principal value branch and graphs of inverse trigonometric functions.
(i) $\operatorname{Sin}^{-1}(\operatorname{Sin} x)=x$ and other similar formula (ii) $\operatorname{Sin}^{-1}(1 / x)=\operatorname{Cosec}^{-1} x$ and other similar formula.
$\operatorname{Sin}^{-1}(-x)=-\operatorname{Sin}^{-1} x, \operatorname{Tan}^{-1}(-x)=-\operatorname{Tan}^{-1} x ; \operatorname{Cosec}^{-1}(-x)=-\operatorname{Cosec}^{-1} x, \operatorname{Cos}^{-1}(-x)=\pi-\operatorname{Cos}^{-1}(x)$;
$\operatorname{Sec}^{-1}(-x)=\pi-\operatorname{Sec}^{-1}(x), \operatorname{Cot}^{-1}(-x)=\pi-\operatorname{Cot}^{-1}(x)$
$\operatorname{Sin}^{-1} x+\operatorname{Cos}^{-1} x=\pi / 2, \operatorname{Tan}^{-1} x+\operatorname{Cot}^{-1} x=\pi / 2 ; \operatorname{Cosec}^{-1}(x)+\operatorname{Sec}^{-1}(x)=\pi / 2 ; \operatorname{Tan}^{-1} x-\operatorname{Tan}^{-1} y=\operatorname{Tan}^{-1}\left(\frac{x-y}{1+x y}\right), \mathrm{xy}>-1$
$\operatorname{Tan}^{-1} x+\operatorname{Tan}^{-1} y=\operatorname{Tan}^{-1}\left(\frac{x+y}{1-x y}\right) ; \mathrm{xy}<1 ; 2 \operatorname{Tan}^{-1} x=\operatorname{Sin}^{-1}\left(\frac{2 x}{1+x^{2}}\right)=\operatorname{Cos}^{-1}\left(\frac{1-x^{2}}{1+x^{2}}\right)=\operatorname{Tan}^{-1}\left(\frac{2 x}{1-x^{2}}\right),|\mathrm{x}|<1$

## Simple problems

Graph of the following trigonometric functions;
$y=\operatorname{Sin} x ; y=\operatorname{Cos} x ; y=\operatorname{Tan} x ; y=a \operatorname{Sin} x ; y=a \operatorname{Cos} x, y=a \operatorname{Sin} b x ; y=a \operatorname{Cos} b x ;$

## UNIT III: GEOMETRY

## Lines and Family of lines

Cartesian system of coordinates in a plane, shifting of origin. Distance formula, Slope of line, parallel and perpendicular lines. Various forms of equations of a line parallel to axes, slope-intercept form, The Slope point form, Intercept form, Normal form, General form, Intersection of lines. Equation of bisectors of angle between two lines, Angles between two lines, condition for concurrency of three lines, Distance of a point from a line, Equations of family of lines through the intersection of two lines.

## Conic sections

Sections of a cone. Circles, standard form of the equation of a circle, its radius and centre. Equations of conic sections [Parabola, Ellipse and Hyperbola] in standard form and simple properties.

## Vectors

Vectors and scalars, Magnitude and Direction of a vector, Types of vectors (Equal vectors, unit vector, Zero vector). Position vector of a point, Localized and free vectors, parallel and collinear vectors, Negative of a vector, components of a vector, Addition of vectors, multiplication of a vector by a scalar, position vector of point dividing a line segment in a given ratio, Application of vectors in geometry. Scalar product of two vectors, projection of a vector on a line, vector product of two vectors.

## Three-Dimensional Geometry

Coordinate axes and coordinate planes in three dimensional space, coordinate of a point in space, distance between two points, section formula, direction cosines, and direction ratios of a line joining two points, projection of the join of two points on a given line, Angle between two lines whose direction ratios are given, Cartesian and vector equation of a line through (i) a point and parallel to a given vector (ii) through two points, Collinearity of three points, coplanar and skew lines, Shortest distance between two lines, Condition for the intersection of two lines, Cartesian and vector equation of a plane (i) When the normal vector and the distance of the plane from the origin is given (ii) passing through a point and perpendicular to a given vector (iii) Passing through a point and parallel to two given lines through the intersection of two other planes (iv) containing two lines (v) passing through three points, Angle between (i) two lines (ii) two planes (iii) a line and a plane, Condition of coplanarity of two lines in vector and Cartesian form, length of perpendicular of a point from a plane by both vector and Cartesian methods.

## Unit IV: STATISTICS

## Statistics and probability

Mean deviation, variance, standard deviation for grouped an ungrouped data. Analysis of frequency distributions with equal means but different variances. Random experiments and sample space, Events as subset of a sample space, occurrence of an event, sure and impossible events, Exhaustive events, Algebra of events, Meaning of equality likely outcomes, mutually exclusive events. Probability of an event; Theorems on probability; Addition rule, Multiplication rule, Independent experiments and events. Finding $P(A$ or $B), P(A$ and $B)$, Bayes' theorem, random variables, Probability distribution of a random variable and its mean and variance. Repeated independent (Bernoulli) trials and Binomial distribution.

## UNIT V : CALCULUS

Functions, Limits and continuity
Concept of a real function; its domain and range; Modulus Function, Greatest integer function: Signum functions; Trigonometric functions and inverse trigonometric functions and their graphs; composite functions, Inverse of a function.
Limit of a function; meaning and related notations; Left and right hand limits; Fundamental theorems on limits without proof $\lim _{x \rightarrow a} \frac{x^{n}-a^{n}}{x-a}=n a^{n-1}, a>0 ; \lim _{x \rightarrow 0} \frac{\operatorname{Sin} x}{x}=1 ; \lim _{x \rightarrow 0} \frac{e^{x}-1}{x}=1 \quad$ (without proof); $\lim _{x \rightarrow 0} \frac{\log (1+x)}{x}=1 \quad$ Continuity of a function at a point, over an open/ closed interval; Sum, Product and quotient of continuous functions; Continuity of special functions- Polynomial, Trigonometric, exponential, Logarithmic and Inverse trigonometric functions.

## Differentiation

Derivative of a function; its geometrical and physical significance; Relationship between continuity and differentiability; Derivatives of polynomial, basic trigonometric, exponential, logarithmic and inverse trigonometric functions from first principles; derivatives of sum, difference, product and quotient of functions; derivatives of polynomial, trigonometric, exponential, logarithmic, inverse trigonometric and implicit functions; Logarithmic differentiation; derivatives of functions expressed in parametric form; chain rule and differentiation by substitution; Derivatives of Second order.

## Application of Derivatives

Rate of change of quantities; Tangents and Normals; increasing and decreasing functions and sign of the derivatives; maxima and minima; Greatest and least values; Rolle's theorem and Mean value theorem; Approximation by differentials. Simple problems.

## Indefinite Integrals

Integration as inverse of differentiation; properties of integrals; Integrals involving algebraic, trigonometric, exponential and logarithmic functions; Integration by substitution; Integration by parts; Integrals of the type:
$\int \frac{d x}{x^{2} \pm a^{2}}, \int \frac{d x}{a^{2}-x^{2}}, \int \frac{d x}{\sqrt{x^{2} \pm a^{2}}}, \int \frac{d x}{\sqrt{a^{2}-x^{2}}}, \int \frac{d x}{a x^{2}+b x+c}$,
$\int \frac{p x+q}{a x^{2}+b x+c} d x, \int \frac{d x}{\sqrt{a x^{2}+b x+c}}, \int \frac{p x+q}{\sqrt{a x^{2}+b x+c}} \mathrm{dx}$.
Integration of rational functions; Partial fractions and their use in integration; Integrals of the type
$\int \sqrt{x^{2} \pm a^{2}} d x, \int \sqrt{a^{2}-x^{2}} d x, \int \sqrt{\left(a x^{2}+b x+c\right)} d x, \int(p x+q) \sqrt{\left(a x^{2}+b x+c\right)} d x$,
$\int \frac{d x}{a+b \cos x}, \int \frac{d x}{a-b \sin x}, \int \operatorname{Sin}^{-1} x d x, \int \log x d x$.

Definite Integrals
Definite integral as limit of a sum; Fundamental theorems of integral calculus without proof; Evaluation of definite integrals by substitution and by using the following properties.

$$
\begin{aligned}
& \int_{a}^{b} f(x) d x=-\int_{b}^{a} f(x) d x ; \int_{a}^{b} f(x) d x=\int_{a}^{c} f(x) d x+\int_{c}^{b} f(x) d x \\
& \int_{a}^{b} f(x) d x=\int_{a}^{b} f(a+b-x) d x ; \int_{0}^{a} f(x) d x=\int_{0}^{a} f(a-x) d x \\
& \int_{a}^{b} f(x) d x=\int_{a}^{b} f(a+b-x) d x ; \int_{0}^{a} f(x) d x=\int_{0}^{a} f(a-x) d x \\
& \int_{a}^{b} f(x) d x=\int_{a}^{b} f(a+b-x) d x ; \int_{0}^{a} f(x) d x=\int_{0}^{a} f(a-x) d x \\
& \int_{0}^{2 a} f(x) d x=\int_{0}^{a} f(x) d x+\int_{0}^{a} f(2 a-x) d x ;=\int_{0}^{2 a} f(x) d x=2 \int_{0}^{a} f(x) d x, \text { if } f(2 a-x)=f(x) \int_{0}^{2 a} f(x) d x=0, \text { if } f(2 a-x)=-f(x) \\
& \int_{-a}^{a} f(x) d x=\left\{\begin{array}{l}
2 \int_{0}^{a} f(x) d x, \text { if } f(x) \text { is even } \\
0 \quad \text { if } \mathrm{f}(\mathrm{x}) \text { is odd }
\end{array}\right.
\end{aligned}
$$

Application of definite integrals in finding areas bounded by a curve, circle, parabola and ellipse in standard form between two ordinates and x-axis; Area between two curves, line and circle; line and parabola: line and ellipse.
Differential Equations
Definition; order and degree; general and particular solutions of a differential equation; formation of differential equations whose general solution is given; solution of differential equations by method of Separation of variables; Homogeneous differential equations of first order and their solutions; Solution of linear differential equations of the type $\frac{d y}{d x}+P(x) y=Q(x)$ where $\mathbf{P}(\mathbf{x}), \mathbf{Q}(\mathbf{x})$ are functions of x or constants.

## Linear Programming

Introduction, related terminology such as constraints, Objective function, optimisation, different types of linear programming problems, mathematical formulation of Linear Programming Problems, graphical method of solution for problems in two variables, feasible and infeasible regions, feasible and infeasible solutions, optimal feasible solutions ( up to three non-trivial constraints).

## UNIT I: PHYSICAL WORLD AND MEASUREMENT

Physics: Scope and excitement; nature of physical laws; Physics, technology and society.
Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. Length, mass and time measurements; accuracy and precision of measuring instruments; errors in measurement; significant figures.
Dimensions of physical quantities, dimensional analysis and its applications.

## UNIT II: KINEMATICS

Frame of reference, Motion in a straight line: Position-time graph, speed and velocity. Uniform and nonuniform motion, average speed and instantaneous velocity.
Uniformly accelerated motion, velocity-time and position-time graphs, relations for uniformly accelerated motion (graphical treatment).
Elementary concepts of differentiation and integration for describing motion. Scalar and vector quantities: Position and displacement vectors, general vectors and notation, equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors. Relative velocity. Unit vectors. Resolution of a vector in a plane - rectangular components. Scalar and Vector products of Vectors. Motion in a plane. Cases of uniform velocity and uniform acceleration projectile motion. Uniform circular motion.

## UNIT III: LAWS OF MOTION

Intuitive concept of force. Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications.
Equilibrium of concurrent forces. Static and kinetic friction, laws of friction, rolling friction, lubrication.
Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on level circular road, vehicle on banked road).

## UNIT IV: WORK, ENERGY AND POWER

Work done by a constant force and a variable force; kinetic energy, work-energy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces; conservation of mechanical energy (kinetic and potential energies); non-conservative forces; motion in a vertical circle, elastic and inelastic collisions in one and two dimension

## UNIT V: MOTION OF SYSTEM OF PARTICLES AND RIGID BODY

Centre of mass of a two-particle system, momentum conservation and centre of mass motion. Centre of mass of a rigid body; centre of mass of uniform rod, circular ring, disc and sphere. Moment of a force, torque, angular momentum, conservation of angular momentum with some examples. Equilibrium of rigid bodies, rigid body rotation and equation of rotational motion, comparison of linear and rotational motions; moment of inertia, radius of gyration. Values of M.I. for simple geometrical objects (no derivation). Statement of parallel and perpendicular axes theorems and their applications.

## UNIT VI: GRAVITATION

Kepler's laws of planetary motion. The universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth.
Gravitational potential energy; gravitational potential. Escape velocity, orbital velocity of a satellite. Geostationary satellites.

## UNIT VII: PROPERTIES OF BULK MATTER

Elastic behaviour, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear, modulus of rigidity, poisson's ratio; elastic energy.

Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes).Effect of gravity on fluid pressure.
Viscosity, Stokes' law, terminal velocity, Reynold's number, streamline and turbulent flow. Critical velocity, Bernoulli's theorem and its applications.
Surface energy and surface tension, angle of contact, excess of pressure, application of surface tension ideas to drops, bubbles and capillary rise.
Heat, temperature, thermal expansion; thermal expansion of solids, liquids, and gases. Anomalous expansion. Specific heat capacity: C p , C v-calorimetry; change of state - latent heat.
Heat transfer - conduction and thermal conductivity, convection and radiation.
Qualitative ideas of Black Body Radiation, Wein's displacement law, and Green House effect. Newton's law of cooling and Stefan's law.

## UNIT VIII: THERMODYNAMICS

Thermal equilibrium and definition of temperature (zeroth law of Thermodynamics). Heat, work and internal energy. First law of thermodynamics. Isothermal and adiabatic processes.
Second law of thermodynamics: Reversible and irreversible processes.
Heat engines and refrigerators.

## UNIT IX: BEHAVIOUR OF PERFECT GAS AND KINETIC THEORY

Equation of state of a perfect gas, work done on compressing a gas. Kinetic theory of gases: Assumptions, concept of pressure.
Avogadro's number. Kinetic energy and temperature; rms speed of gas molecules; degrees of freedom, law of equipartition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path.

## UNIT X: OSCILLATIONS AND WAVES

Periodic motion - period, frequency, displacement as a function of time. Periodic functions. Simple harmonic motion (SHM) and its equation; phase; oscillations of a spring - restoring force and force constant; energy in SHM - kinetic and potential energies; simple pendulum - derivation of expression for its time period; free, forced and damped oscillations (qualitative ideas only), resonance.
Wave motion. Longitudinal and transverse waves, speed of wave motion. Displacement relation for a progressive wave. Principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics. Beats. Doppler effect.

## UNIT XI: ELECTROSTATICS

Electric charges and their conservation. Coulomb's law - force between two point charges, forces between multiple charges; superposition principle and continuous charge distribution.
Electric field, electric field due to a point charge, electric field lines; electric dipole, electric field due to a dipole; torque on a dipole in a uniform electric field.
Electric flux, statement of Gauss's theorem and its applications to find field due to infinitely long uniformly charged straight wire, uniformly charged infinite plane sheet and uniformly charged thin spherical shell (field inside and outside).
Electric potential, potential difference, electric potential due to a point charge, a dipole and system of charges; equipotential surfaces, electrical potential energy of a system of two point charges and of electric dipoles in an electrostatic field.
Conductors and insulators, free charges and bound charges inside a conductor. Dielectrics and electric polarisation, capacitors and capacitance, combination of capacitors in series and in parallel, capacitance of a parallel plate capacitor with and without dielectric medium between the plates, energy stored in a capacitor, Van de Graaff generator.

## UNIT XII: CURRENT ELECTRICITY

Electric current, flow of electric charges in a metallic conductor, drift velocity and mobility, and their relation with electric current; Ohm's law, electrical resistance, V-I characteristics (linear and nonlinear), electrical energy and power, electrical resistivity and conductivity. Carbon resistors colour code for carbon resistors; series and parallel combinations of resistors; temperature dependence of resistance.

Internal resistance of a cell, potential difference and emf of a cell, combination of cells in series and in parallel.
Kirchhoff 's laws and simple applications. Wheatstone bridge, metre bridge.
Potentiometer - principle and applications to measure potential difference, and for comparing emf of two cells; measurement of internal resistance of a cell.

## UNIT XIII: MAGNETIC EFFECTS OF CURRENT AND MAGNETISM

Concept of magnetic field, Oersted's experiment.
Biot - Savart law and its application to current carrying circular loop.
Ampere's law and its applications to infinitely long straight wire, straight and toroidal solenoids. Force on a moving charge in uniform magnetic and electric fields. Cyclotron.
Force on a current-carrying conductor in a uniform magnetic field. Force between two parallel current- carrying conductors - definition of ampere.
Torque experienced by a current loop in a magnetic field; moving coil galvanometer - its current sensitivity and conversion to ammeter and voltmeter.
Current loop as a magnetic dipole and its magnetic dipole moment. Magnetic dipole moment of a revolving electron. Magnetic field intensity due to a magnetic dipole (bar magnet) along its axis and perpendicular to its axis. Torque on a magnetic dipole (bar magnet) in a uniform magnetic field; bar magnet as an equivalent solenoid.
Magnetic field lines; Earth's magnetic field and magnetic elements.
Para-, dia- and ferro - magnetic substances, with examples. Electromagnets and factors affecting their strengths. Permanent magnets.

## UNIT XIV: ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENTS

Electromagnetic induction; Faraday's law, induced emf and current; Lenz's Law, Eddy currents. Self and mutual inductance.
Alternating currents, peak and rms value of alternating current/voltage; reactance and impedance; LC oscillations (qualitative treatment only), LCR series circuit, resonance; power in AC circuits, wattless current.
AC generator and transformer.

## UNIT XV: ELECTROMAGNETIC WAVES

Need for displacement current. Electromagnetic waves and their characteristics (qualitative ideas only). Transverse nature of electromagnetic waves.
Electromagnetic spectrum (radio waves, microwaves, infrared, visible, ultraviolet, x-rays, gamma rays) including elementary facts about their uses.

## UNIT XVI: OPTICS

Reflection of light, spherical mirrors, mirror formula. Refraction of light, total internal reflection and its applications, optical fibres, refraction at spherical surfaces, lenses, thin lens formula, lens- maker's formula. Magnification, power of a lens, combination of thin lenses in contact combination of a lens and a mirror. Refraction and dispersion of light through a prism.
Scattering of light - blue colour of the sky and reddish appearance of the sun at sunrise and sunset. Optical instruments: Human eye, image formation and accommodation, correction of eye defects (myopia and hypermetropia) using lenses. Microscopes and astronomical telescopes (reflecting and refracting) and their magnifying powers.
Wave optics: Wavefront and Huygens' principle, reflection and refraction of plane wave at a plane surface using wavefronts. Proof of laws of reflection and refraction using Huygens' principle. Interference, Young's double hole experiment and expression for fringe width, coherent sources and sustained interference of light.
Diffraction due to a single slit, width of central maximum. Resolving power of microscopes and astronomical telescopes.
Polarisation, plane polarised light; Brewster's law, uses of plane polarised light and Polaroids.

## UNIT XVII: DUAL NATURE OF MATTER AND RADIATION

Photoelectric effect, Hertz and Lenard's observations; Einstein's photoelectric equation - particle nature of light.
Matter waves - wave nature of particles, De Broglie relation. Davisson-Germer experiment.

## UNIT XVIII: ATOMS AND NUCLEI

Alpha - particle scattering experiment; Rutherford's model of atom; Bohr model, energy levels, hydrogen spectrum.
Composition and size of nucleus, atomic masses, isotopes, isobars; isotones. Radioactivity - alpha, beta and gamma particles/rays and their properties; radioactive decay law. Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number; nuclear fission and fusion.

## UNIT XIX: ELECTRONIC DEVICES

Energy bands in solids (qualitative ideas only), conductors, insulators and semiconductors; semiconductor diode - I-V characteristics in forward and reverse bias, diode as a rectifier; I-V characteristics of LED, photodiode, solar cell, and Zener diode; Zener diode as a voltage regulator. Junction transistor, transistor action, characteristics of a transistor; transistor as an amplifier, Transistor as a switch (common emitter configuration) and oscillator. Logic gates (OR, AND, NOT, NAND and NOR).

## UNIT XX: COMMUNICATION SYSTEMS

Elements of a communication system (block diagram only); bandwidth of signals (speech, TV and digital data); bandwidth of transmission medium. Propagation of electromagnetic waves in the atmosphere, sky and space wave propagation. Need for modulation. Production and detection of an amplitude-modulated wave.

## CHEMISTRY

## UNIT 1: SOME BASIC CONCEPTS OF CHEMISTRY

General Introduction: Importance and scope of chemistry. Historical approach to particulate nature of matter, laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules. Atomic and molecular masses. Mole concept and molar mass; percentage composition and empirical and molecular formula; chemical reactions, stoichiometry and calculations based on stoichiometry.

## UNIT 2: STRUCTURE OF ATOM

Discovery of electron, proton and neutron; atomic number, isotopes and isobars. Thompson's model and its limitations, Rutherford's model and its limitations, Bohr's model and its limitations, concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of $\mathrm{s}, \mathrm{p}$ and d orbitals, rules for filling electrons in orbitals - Aufbau principle, Pauli exclusion principle and Hund's rule, electronic configuration of atoms, stability of half filled and completely filled orbitals.

## UNIT 3: CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES

Significance of classification, brief history of the development of periodic table, modern periodic law and the present form of periodic table, periodic trends in properties of elements -atomic radii, ionic radii, inert gas radii, ionization enthalpy, electron gain enthalpy, electronegativity, valence. Nomenclature of elements with atomic number greater than 100.

## UNIT 4: CHEMICAL BONDING AND MOLECULAR STRUCTURE

Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR theory, concept of hybridization involving s, p and d orbitals and shapes of some simple molecules, molecular orbital theory of homonuclear diatomic molecules (qualitative idea only). Hydrogen bond.

## UNIT 5: STATES OF MATTER: GASES, LIQUIDS AND SOLIDS

Three states of matter, intermolecular interactions, types of bonding, melting and boiling points, role of gas laws in elucidating the concept of the molecule, Boyle's law, Charle's law, Gay Lussac's law, Avogadro's law, ideal behaviour, empirical derivation of gas equation, Avogadro number, ideal gas equation. Kinetic energy and molecular speeds (elementary idea), deviation from ideal behaviour, liquefaction of gases, critical temperature.

Liquid State - Vapour pressure, viscosity and surface tension (qualitative idea only, no mathematical derivations).

Solid State - Classification of solids based on different binding forces :molecular, ionic covalent and metallic solids, amorphous and crystalline solids(elementary idea), unit cell in two dimensional and three dimensional lattices, calculation of density of unit cell, packing in solids, packing efficiency, voids , number of atoms per unit cell in a cubic unit cell, point defects, electrical and magnetic properties, Band theory of metals, conductors, semiconductors and insulators and $n$ and $p$ type semiconductors.

## UNIT 6: THERMODYNAMICS

Concepts of system, types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions. First law of thermodynamics - internal energy and enthalpy, heat capacity and specific heat, measurement of $\Delta \mathrm{U}$ and $\Delta \mathrm{H}$, Hess's law of constant heat summation, enthalpy of : bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Introduction of entropy as a state function, Second law of thermodynamics, Gibbs energy change for spontaneous and non-spontaneous process, criteria for equilibrium. Third law of thermodynamics -Brief introduction.

## UNIT 7: EQUILIBRIUM

Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, factors affecting equilibrium - Le Chatelier's principle; ionic equilibrium - ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of polybasic acids, acid strength, concept of pH., Hydrolysis of salts (elementary idea), buffer solutions, Henderson equation, solubility product, common ion effect (with illustrative examples).

## UNIT 8 : REDOX REACTIONS AND ELECTROCHEMISTRY

Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions in terms of loss and gain of electron and change in oxidation numbers, applications of redox reactions.

Conductance in electrolytic solutions, specific and molar conductivity variations of conductivity with concentration, Kohlrausch's Law, electrolysis and laws of electrolysis (elementary idea), dry cell electrolytic cells and Galvanic cells; lead accumulator, EMF of a cell, standard electrode potential, Nernst equation and its application to chemical cells. Relation between Gibbs energy change and EMF of a cell, fuel cells; corrosion.

## UNIT 9 : SOLUTIONS

Types of solutions, expression of concentration of solutions of solids in liquids, solubility of gases in liquids, solid solutions, colligative properties - relative lowering of vapour pressure, Raoult's law, elevation of B.P., depression of freezing point, osmotic pressure, determination of molecular masses using colligative properties, abnormal molecular mass, Vant Hoff factor.

## UNIT 10: CHEMICAL KINETICS

Rate of a reaction (average and instantaneous), factors affecting rates of reaction: concentration, temperature, catalyst; order and molecularity of a reaction; rate law and specific rate constant, integrated rate equations and half life (only for zero and first order reactions); concept of collision theory (elementary idea, no mathematical treatment).Activation energy, Arrhenious equation.

## UNIT 11: SURFACE CHEMISTRY

Adsorption - physisorption and chemisorption; factors affecting adsorption of gases on solids; catalysis :homogenous and heterogeneous, activity and selectivity: enzyme catalysis; colloidal state: distinction between true solutions, colloids and suspensions; lyophillic, lyophobic multimolecular and macromolecular colloids; properties of colloids; Tyndall effect, Brownian movement, electrophoresis, coagulation; emulsions - types of emulsions.

## UNIT 12: HYDROGEN AND S- BLOCK ELEMENTS (ALKALI AND ALKALINE EARTH METALS)

Position of hydrogen in periodic table, occurrence, isotopes, preparation, properties and uses of hydrogen; hydrides - ionic, covalent and interstitial; physical and chemical properties of water, heavy water; hydrogen peroxide-preparation, reactions, use and structure; hydrogen as a fuel.

Group 1 and Group 2 elements: General introduction, electronic configuration, occurrence, anomalous properties of the first element of each group, diagonal relationship, trends in the variation of properties (such as ionization enthalpy, atomic and ionic radii), trends in chemical reactivity with oxygen, water, hydrogen and halogens; uses. Preparation and Properties of Some Important Compounds: Sodium carbonate, sodium chloride, sodium hydroxide and sodium hydrogencarbonate, biological importance of sodium and potassium. $\mathrm{CaO}, \mathrm{CaCO}$, and industrial use of lime and limestone, biological importance of Mg and Ca .

## UNIT 13: P-BLOCK ELEMENTS

General Introduction to p-Block Elements
Group 13 elements: General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous properties of first element of the group; Boron- physical and chemical properties, some important compounds: borax, boric acids, boron hydrides. Aluminium: uses, reactions with acids and alkalies.

Group 14 elements: General introduction, electronic configuration, occurrence, variation of properties, oxidation states, trends in chemical reactivity, anomalous behaviour of first element. Carbon - catenation, allotropic forms, physical and chemical properties; uses of some important compounds: oxides. Important compounds of silicon and a few uses : silicon tetrachloride, silicones, silicates and zeolites, their uses.

Group 15 elements: General introduction, electronic configuration, occurrence, oxidation states, trends in physical and chemical properties; nitrogen - preparation, properties and uses; compounds of nitrogen: preparation and properties of ammonia and nitric acid, oxides of nitrogen ( structure only); Phosphorous-allotropic forms; compounds of phosphorous: preparation and properties of phosphine ,halides (PCl3, PCl5) and oxoacids (elementary idea only).

Group 16 elements : General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; dioxygen: preparation, properties and uses; classification of oxides; ozone. Sulphur - allotropic forms; compounds of sulphur: preparation, properties and uses of sulphur dioxide; sulphuric acid: industrial process of manufacture, properties and uses, oxoacids of sulphur (structures only).

Group 17 elements : General introduction, electronic configuration, oxidation states, occurrence, trends in physical and chemical properties; compounds of halogens: preparation, properties and uses of chlorine and hydrochloric acid, interhalogen compounds, oxoacids of halogens (structures only).

Group 18 elements: General introduction, electronic configuration, occurrence, trends in physical and chemical properties, uses.

General introduction ,electronic configuration, occurrence and characteristics of transition metals, general trends in properties of the first row transition metals - metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property, magnetic properties, interstitial compounds, alloy formation. Preparation and properties of $\mathrm{K}_{2} \mathrm{Cr}_{2} \mathrm{O}_{7}$ and $\mathrm{KMnO}_{4}$. Lanthanoids - electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences. Actinoids Electronic configuration, oxidation states and comparison with lanthenoids .

## UNIT 15: COORDINATION COMPOUNDS

Coordination compounds : Introduction, ligands, coordination number, colour, magnetic properties and shapes, IUPAC nomenclature of mononuclear coordination compounds, bonding, Werner's theory VBT,CFT; isomerism (structural and stereo)importance of coordination compounds (in qualitative analysis, extraction of metals and biological systems).

## UNIT 16: GENERAL PRINCIPLES AND PROCESSES OF ISOLATION OF ELEMENTS

Principles and methods of extraction - concentration, oxidation, reduction electrolytic method and refining; occurrence and principles of extraction of aluminium, copper, zinc and iron.

## UNIT 17: ORGANIC CHEMISTRY - SOME BASIC PRINCIPLES AND TECHNIQUES

General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions; electrophiles and nucleophiles, types of organic reactions.

## UNIT 18: HYDROCARBONS

Classification of Hydrocarbons. Aliphatic Hydrocarbons: Alkanes - Nomenclature, isomerism, conformations (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation; chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition. Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of hydrogen, halogens, hydrogen halides and water. Aromatic hydrocarbons - Introduction, IUPAC nomenclature; Benzene: resonance, aromaticity ; chemical properties: mechanism of electrophilic substitution - nitration sulphonation, halogenation, Friedel Craft's alkylation and acylation; directive influence of functional group in mono-substituted benzene; carcinogenicity and toxicity.

## UNIT 19: HALOALKANES AND HALOARENES

Haloalkanes: Nomenclature, nature of $\mathrm{C}-\mathrm{X}$ bond, physical and chemical properties, mechanism of substitution reactions. Optical rotation. Haloarenes: Nature of C-X bond, substitution reactions (directive influence of halogen for monosubstituted compounds only). Uses and environmental effects of dichloromethane, trichloromethane, tetrachloromethane, iodoform, freons, DDT.

## UNIT 20: ALCOHOLS, PHENOLS AND ETHERS

Alcohols: Nomenclature, methods of preparation, physical and chemical properties (of primary alcohols only); identification of primary, secondary and tertiary alcohols; mechanism of dehydration, uses, with special reference to methanol and ethanol. Phenols : Nomenclature, methods of preparation, physical and chemical properties, acidic nature of phenol, electrophillic substitution reactions, uses of phenols. Ethers : Nomenclature, methods of preparation, physical and chemical properties, uses.

## UNIT 21: ALDEHYDES, KETONES AND CARBOXYLIC ACIDS

Aldehydes and Ketones: Nomenclature, nature of carbonyl group, methods of preparation, physical and chemical properties, and mechanism of nucleophilic addition, reactivity of alpha hydrogen in aldehydes; uses. Carboxylic Acids: Nomenclature, acidic nature, methods of preparation, physical and chemical properties; uses.

## UNIT 22: ORGANIC COMPOUNDS CONTAINING NITROGEN

Amines: Nomenclature, classification, structure, methods of preparation, physical and chemical properties, uses, identification of primary secondary and tertiary amines. Cyanides and Isocyanides - will be mentioned at relevant places in context. Diazonium salts: Preparation, chemical reactions and importance in synthetic organic chemistry.

UNIT 23: BIOMOLECULES
Carbohydrates - Classification (aldoses and ketoses), monosaccharide (glucose and fructose), D-L configuration, oligosaccharides (sucrose, lactose, maltose), polysaccharides (starch, cellulose, glycogen): importance. Proteins - Elementary idea of a - amino acids, peptide bond, polypeptides, proteins, primary structure, secondary structure, tertiary structure and quaternary structure (qualitative idea only), denaturation of proteins; enzymes. Hormones -Elementary idea (excluding structure). Vitamins Classification and functions. Nucleic Acids: DNA and RNA

UNIT 24: POLYMERS
Classification - Natural and synthetic, methods of polymerization (addition and condensation), copolymerization. Some important polymers: natural and synthetic like polythene, nylon, polyesters, bakelite, rubber. Biodegradable and non-biodegradable polymers.

## UNIT 25: CHEMISTRY IN EVERYDAY LIFE

1. Chemicals in medicines - analgesics, tranquilizers, antiseptics, disinfectants, antimicrobials, antifertility drugs, antibiotics, antacids, antihistamines. 2. Chemicals in food - preservatives, artificial sweetening agents, elementary idea of antioxidants. 3. Cleansing agents - soaps and detergents, cleansing action.

## UNIT 26: ENVIRONMENTAL CHEMISTRY

Environmental pollution - Air, water and soil pollution, chemical reactions in atmosphere, smogs, major atmospheric pollutants; acid rain, ozone and its reactions, effects of depletion of ozone layer, greenhouse effect and global warming - pollution due to industrial wastes; green chemistry as an alternative tool for reducing pollution, strategy for control of environmental pollution.

# ANNEXURE - II (1) (a) <br> COLLEGES UNDER ENGINEERING / ARCHITECTURE COURSES 

(See Clauses 2.3 \& 2.4)
Please refer to Description of Course Codes in Annexure II (1) (b)]
I. ENGINEERING COLLEGES UNDER THE DIRECTOR OF TECHNICAL EDUCATION (DTE)

## Government

| $\begin{aligned} & \text { Sl. } \\ & \text { No. } \end{aligned}$ | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | IDK | Govt. Engineering College, Painavu, Idukki | KTU | CS-60, EC-60, EE-60, IT-60, ME-60 | 300 | 04862-233250 |
| 2 | KKE | Govt. Engineering College, Kozhikode | KTU | AE-60, CE-60, CH-60, ME-60, EC-60 | 300 | $\begin{aligned} & \hline 0495-2383220, \\ & 2383210 \end{aligned}$ |
| 3 | KNR | Govt. College of Engineering, Kannur | KTU | $\begin{aligned} & \text { CE-60, CS-60, EC-90, EE-60, } \\ & \text { ME-60 } \end{aligned}$ | 330 | $\begin{aligned} & \hline 0497-2780226, \\ & 2781226 \end{aligned}$ |
| 4 | KTE | Rajiv Gandhi Institute of Technology, Pampady, Kottayam | KTU | $\begin{aligned} & \text { AR-40, CE-60, CS-60, EC-60, } \\ & \text { EE-60, ME-60 } \end{aligned}$ | 340 | $\begin{aligned} & \hline 0481-2506153, \\ & 2507763 \end{aligned}$ |
| 5 | PKD | Govt. Engineering College, Sreekrishnapuram, Palakkad | KTU | $\begin{aligned} & \text { CS-60, EC-60, EE-60, } \\ & \text { IT-60, ME-60 } \end{aligned}$ | 300 | $\begin{aligned} & \hline 0466-2260350, \\ & 2260565 \end{aligned}$ |
| 6 | TCR | Govt. Engineering College, Thrissur | KTU | $\begin{aligned} & \text { CE : } 120, \mathrm{CH}: 60, \mathrm{CS}: 60, \mathrm{EC}: \\ & 60, \mathrm{EE}: 100, \mathrm{ME}: 120, \mathrm{PE}: 60 \text {, } \\ & \text { AR: } 40 \end{aligned}$ | 620 | 0487-2334144 |
| 7 | TRV | Govt. Engineering College, Barton Hill, Thiruvananthapuram | KTU | CE -60, EC-60, EE-60, IT-60, ME-60 | 300 | $\begin{aligned} & \hline 0471-2300484, \\ & 2300485 \end{aligned}$ |
| 8 | TVE | College of Engineering, Thiruvananthapuram | KTU | AE-60, AR-40, CE-120, CS-60, EC-60, EE-120, IE-60, ME-120 | 640 | $\begin{aligned} & \hline 0471-2519502, \\ & 2515555 \end{aligned}$ |
| 9 | WYD | Govt. Engineering College, Mananthavady, Wayanad | KTU | CS-60, EC-120, EE-60, ME-60 | 300 | 04935-271261 |

Aided

| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :--- | :---: | :--- | :---: | :---: |
| 10 | MAC | Mar Athanasius College of Engineering, <br> Kothamangalam, Ernakulam | KTU | CE-120, CS-60, EC-120, EE-120, <br> ME-120 | 540 | $0485-2822363$, <br> 2823383 |
| 11 | NSS | N.S.S. College of Engineering, <br> Akathethara P O, Palakkad | KTU | CE-120, CS-60, EC-90, EE-120, <br> IC-60, ME-120 | 570 | $0491-2555255$, <br> 2555900 |
| 12 | TKM | T.K.M. College of Engineering, Kollam | KTU | CE:120, CH:60, CS:60, EC: <br> $120, \mathrm{EE}: 120, \mathrm{ME}: 120, \mathrm{MP}: 60$, <br> AR:74 | 734 | $0474-2712022$, <br> 2712024 |

Note: Seats available for mandatory reservation: See Clause 4.1.5
II. COLLEGE UNDER THE KERALA AGRICULTURAL UNIVERSITY (KAU)

| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :--- | :---: | :---: |
| 1 | KCT |  <br> Technology, Tavanur, Malappuram | KAU | AG-50, FT-30 | 80 | $0494-2686214$ |

III. COLLEGES UNDER THE KERALA VETERINARY \& ANIMAL SCIENCES UNIVERSITY (KVASU)

| Sl. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :--- | :---: | :--- | :---: | :---: |
| 1 | CDI | College of Dairy Science \& Technology, <br> Kolahalamedu, Idukki | KVASU | DS-20 | 20 | $04869-296016$ |
| 2 | CDT | College of Dairy Science \& Technology, <br> Mannuthy, Thrissur | KVASU | DS-40 | 40 | $0487-2372861$ |
| 3 | CDP | College of Dairy Science \& Technology, <br> Pookode Campus, Wayanad | KVASU | DS-20 | 20 | $0493-6256380$, <br> 6256390 |
| 4 | CDV | College of Dairy Science \& Technology, <br> Kaimanam, Thiruvananthapuram | KVASU | DS-20 | 20 | $004712-491288$ |
| 5 | CFT | College of Food Technology | KVASU | FT-20 | 20 | $0487-2748016$ |

IV. COLLEGE UNDER THE KERALA UNIVERSITY OF FISHERIES AND OCEAN STUDIES (KUFOS)

| S.. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :--- | :---: | :---: | :---: | :---: |
| 1 | COU | School of Ocean Engineering and Underwater <br> Technology, KUFOS, Panangad P O, <br> Ernakulam -682 506 | KUFOS | FT-40 | 40 | $0484-2700598$, <br> 2703782 |


| SI. <br> No. | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | ADR | College of Engineering, Adoor, Pathanamthitta | KTU | CS : 60, EC : 60, EE : 60, ME: 120 | 300 | $\begin{aligned} & \text { 04734-230640, } \\ & 231995 \end{aligned}$ |
| 2 | CEA | College of Engineering, Attingal, Thiruvananthapuram | KTU | CS-60, EC-60, EE-60 | 180 | $\begin{aligned} & 0470-2627400, \\ & 2624449 \end{aligned}$ |
| 3 | CEC | College of Engineering, Pallippuram, Cherthala, Alappuzha | KTU | CS : 90, EC : 60, EE : 60 | 210 | $\begin{aligned} & 0478-2553416, \\ & 2552714 \end{aligned}$ |
| 4 | CEK | College of Engineering, Kottarakkara, Kollam | KTU | CS : 60, EC : 60 | 120 | $\begin{aligned} & 0474-2453300, \\ & 2458674 \end{aligned}$ |
| 5 | CHN | College of Engineering, Chengannur, Alappuzha | KTU | CS-120, EC-120, EE-120, El-60 | 420 | $\begin{aligned} & 0479-2451424, \\ & 2454125 \end{aligned}$ |
| 6 | KNP | College of Engineering, Karunagappally, Kollam | KTU | CS-60, EC-60, EE-60 | 180 | $\begin{aligned} & 0476-2665935, \\ & 2666160 \end{aligned}$ |
| 7 | MDL | Model Engineering College, Thrikkakara, Ernakulam | KTU | CS-120, EB-60, EC-120, EE-60 | 360 | $\begin{aligned} & 0484-2575370, \\ & 2577379 \end{aligned}$ |
| 8 | PJR | College of Engineering, Poonjar, Kottayam | KTU | CS : 30, EC : 30, EE : 30 | 90 | 04822-271737 |
| 9 | PTA | College of Engineering, Kallooppara, Pathanamthitta | KTU | CS-60, EC-60, EE-60 | 180 | $\begin{aligned} & 0469-2678983, \\ & 2677890 \end{aligned}$ |

VI. SELF-FINANCING COLLEGES UNDER THE LAL BAHADUR SASTRI CENTRE FOR SCIENCE \& TECHNOLOGY (LBS)

| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :--- | :---: | :--- | :---: | :---: |
| 10 | KSD | LBS College of Engineering, <br> Muliyar P O, Kasaragod | KTU | CE-60, CS-120, EC-120, <br> EE-60, IT-60, ME-120 | 540 | $04994-250290$, <br> 251566 |
| 11 | LBT | LBS Institute of Technology for Women, <br> Poojappura, Thiruvananthapuram | KTU | AE-60, CE-60, CS-120, <br> EC-60, IT-60 | 360 | $0471-2349232$, <br> 2343395 |

VII. SELF-FINANCING COLLEGES UNDER THE CO-OPERATIVE ACADEMY OF PROFESSIONAL EDUCATION (CAPE)

| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :--- | :---: | :--- | :---: | :---: |
| 12 | AEC | College of Engineering, Aranmula, <br> Pathanamthitta | KTU | CE-60, CS-60, EC-30, <br> EE-30 | 180 | $0468-2319131$, <br> 2278731 |
| 13 | CEM | College of Engineering, Muttathara, <br> Thiruvananthapuram | KTU | CE-60, CS-60, EC-60, <br> EE-60, ME-60 | 300 | $0471-2500211$ |
| 14 | KGR | College of Engineering, Kidangoor, <br> Kottayam | KTU | CE :60, CS :90, EC :60, <br> EE:60 | 270 | $04822-255056$, <br> 256056 |
| 15 | PEC | College of Engineering, Pathanapuram, <br> Kuriottumala, Elikattor P O, Kollam | KTU | CE-60, CS-60, EC-30, <br> EE-30, ME-60 | 240 | 04752022810 |
| 16 | PRN | College of Engineering, Perumon, Kollam | KTU | CS-60, EC-90, EE-60, <br> IT-30, ME-60 | 300 | $0474-2550400$, <br> 2550500 |
| 17 | PRP | College of Engineering \& Management, <br> Punnapra, Alappuzha | KTU | CE-60, CS-90, EC-60, <br> EE-60, ME-60 | 330 | $0477-2267311$, <br> 266711 |
| 18 | TKR | College of Engineering, Trikaripur, <br> Kasaragod | KTU | CE-60, CS-60, EC-60, <br> EE-60, IT-30 | 270 | $0467-2250377$, <br> 2250977 |
| 19 | TLY | College of Engineering, Thalassery, <br> Kannur | KTU | CE-60, CS-60, EC-120, <br> EE-60, IT-60, ME-60, | 420 | $0490-2388930$, <br> 2307190 |
| 20 | VDA | College of Engineering, Mandarathur P.O., <br> Vadakara, Kozhikode | KTU | CE:60, CS:60, EC :60, <br> EE:60, IT: 30 | 270 | $0496-2536125$, <br> 2537225 |


| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :--- | :---: | :---: |
| 21 | SCT | Sree ChitraThirunal College of <br> Engineering, Pappanamcode, <br> Thiruvananthapuram | KTU | BB-60, CS-60, EC-120, <br> MA-60, ME-60, MP-60 | 420 | 0471-2490572, <br> 2490772 |

IX. SELF-FINANCING COLLEGE UNDER THE MAHATMA GANDHI UNIVERSITY

| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :--- | :---: | :---: |
| 22 | UCE | University College of Engineering, <br> Thodupuzha, Idukki | KTU | CS-60, EC-60, EE-60, <br> PO-60 | 240 | $04862-256222$, <br> 256534 |

X. SELF-FINANCING COLLEGE UNDER THE UNIVERSITY OF KERALA

| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :--- | :---: | :---: |
| 23 | UCK | University College of Engineering, <br> Kariavattom, Thiruvananthapuram | Kerala | CS : 63, EC : 63, IT : 63 | 189 | $0471-2308874$, <br> 2418045 |

XI. SELF-FINANCING COLLEGE UNDER THE UNIVERSITY OF CALICUT

| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :--- | :---: | :---: |
| 24 | UCC |  <br> Technology, Tenhipalam, Malappuram | Calicut | EC-60, EE-60, IT-60, <br> ME-60, PT-30 | 270 | $0494-2400223$ |

## XII. SELF-FINANCING COLLEGE UNDER THE CENTRE FOR CONTINUING EDUCATION (CCE)

| SI. <br> No. | Code | College | Universi <br> ty | Courses offered <br> No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :--- | :---: | :---: |
| 25 | MNR | College of Engineering, Munnar, Idukki | KTU | CS: 60, EC : 30, EE : 30, <br> ME: 60 | 180 | $04865-230606$, <br> 232989 |

XIII. PRIVATE SELF FINANCING COLLEGES

| $\mathrm{SI}$ | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | AAE | Al-Azhar College of Engineering \& Tech., Perumpillichira, Thodupuzha, Idukki | KTU | $\begin{aligned} & \mathrm{AU}: 42, \mathrm{CE}: 84, \mathrm{CS}: 30, \mathrm{EC} \\ & : 30, \mathrm{ME}: 84 \end{aligned}$ | 270 | $\begin{aligned} & 04862-227944, \\ & 229193 \end{aligned}$ |
| 2 | AAP | Al-Ameen Engineering College, Shoranur, Palakkad | KTU | CE-120, EC-60, EE-60, ME- $120$ | 360 | $\begin{aligned} & 0466-3025000, \\ & 3025007 \end{aligned}$ |
| 3 | AIK | Albertian Institute of Science and Technology, Kalamassery, Kochi - 682022 | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 04842540360, \\ & 6526299 \end{aligned}$ |
| 4 | AJC | Amal Jyothi College of Engineering, Koovapally P.O., Kanjirapally, Kottayam - 686518 | KTU | CE: 120, CH: 60, CS : 120, EC : 120, EE : 60, IT : 60, MA : 60, ME : 120, MG : 60, FT : 60 | 840 | $\begin{aligned} & 64828305555, \\ & 8305500 \end{aligned}$ |
| 5 | AME | Ammini College of Engineering, <br> Kannampariyaram, Mankara P O, Palakkad | KTU | CE: 90, CS: 60, EC : 60, EE : 60, ME : 90 | 360 | $\begin{aligned} & 0491-2873699, \\ & 2873599 \end{aligned}$ |
| 6 | ASI | Adi Shankara Institute of Engineering \& Technology, Kalady, Ernakulam | KTU | AE-60, CE-60, CS-120, EC-120, EE-60, ME-120 | 540 | $\begin{aligned} & 0484-2463825, \\ & 2463062 \end{aligned}$ |
| 7 | ATP | Ahalia School of Engineering \& Technology, Kozhippara, Pudussery, Palakkad - 678557 | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 04923207777, \\ & 3225000 \end{aligned}$ |
| 8 | AWH | AWH Engineering College, Kuttikkattoor, Kozhikode | KTU | CE-60, CS-60, EC-30, EE30, ME-60 | 240 | $\begin{aligned} & 0495-2356144, \\ & 2352662,2352552 \end{aligned}$ |


| SI. <br> No. | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | AXE | Axis College of Engineering \& Technology, Ambanoly, Kodakara Via, Murikkingal P O, Thrissur | KTU | $\begin{aligned} & C E: 60, C S: 60, E C: 30, E E \\ & : 30, M E: 60 \end{aligned}$ | 240 | $\begin{aligned} & 0480-2744501, \\ & 2744500 \end{aligned}$ |
| 10 | BJK | Bishop Jerome Institute, Fathima College Road, Kollam - 691001 | KTU | CE-60, EC-60, EE-60, ME-60 | 240 | $\begin{aligned} & 04742764052, \\ & 6060610 \end{aligned}$ |
| 11 | BMC | Baselios Mathews II College of Engineering, Sasthamcotta, Kollam | KTU | AE-30, CE-60, CS-60, EC30, EE-60, ME-60 | 300 | $\begin{aligned} & \hline 0476-2835579, \\ & 2830778 \end{aligned}$ |
| 12 | CCE | Christ College of Engineering, Irinjalakuda, Thrissur | KTU | CE-60, CS-60, EC-60, <br> EE-60, ME-60 | 300 | 0480285355 |
| 13 | CCV | Cochin College of Engineering \& Technology, Valiyaparambu, Edayur (via) Valanchery, Malappuram - 676552 | KTU | CE-120, CH-60, CS-60, EC60, EE-60, ME-120, MR-60 | 540 | $\begin{aligned} & 04942640172, \\ & 2640173 \end{aligned}$ |
| 14 | CEN | College of Engineering \& Technology, Payyannur, Kaithapram, Mathamangalam P O, Kannur | KTU | CE: 60, EC : 30, EE: 30, ME :60, AR : 40 | 220 | $\begin{aligned} & 04985-279842, \\ & 277842 \end{aligned}$ |
| 15 | CKC | Christ Knowledge City, Kuzhoor, Airapuram P O, Ernakulam (For women only) | KTU | CE-21, CS-21, EC-21, ME21, SB-42 | 126 | $\begin{aligned} & 0484-2651482, \\ & 2651483,2651484 \end{aligned}$ |
| 16 | CMA | Carmel College of Engineering \& Technology, Punnapra, Alappuzha | KTU | CE-60, Cs-60, EE-60, ME-60 | 240 | 0477-2287248 |
| 17 | DMC | M Dasan Institute of Technology, Ulliyeri P.O. Kozhikode - 673620 | KTU | CE-120, CS-60, EC-60, EE60, ME-60 | 360 | $\begin{aligned} & 04962664700, \\ & 2664702 \end{aligned}$ |
| 18 | ECE | Sree Emakulathappan College of Engineering \& Management, Muppliyam, Mukundapuram, Thrissur | KTU | CE-60, Cs-60, ME-60 | 180 | $\begin{aligned} & 0480-2781897, \\ & 2781898 \end{aligned}$ |
| 19 | EKC | Eranad Knowledge City Technical Campus, Cherukulam, Elankur P.O., Manjeri(via), Malappuram | KTU | CE-60, CS-60, EC-60, FS-60, ME-60 | 300 | $\begin{aligned} & 0483-3013666, \\ & 3013301 \end{aligned}$ |
| 20 | FIT | Federal Institute of Science \& Technology, Angamaly, Ernakulam | KTU | CE-120, CS-120, EC-120, EE-60, El-60, ME-120 | 600 | $\begin{aligned} & 0484-2616267, \\ & 2616404 \end{aligned}$ |
| 21 | GIT | Gurudeva Institute of Science \& Tech., Vennimala, Payyappady P O, Puthuppally, Kottayam | KTU | CE-60, CS-60, EC-30, EE30, ME-60 | 240 | $\begin{aligned} & 0481-2354620, \\ & 2568913 \end{aligned}$ |
| 22 | GWE | K R Gouri Amma College of Engineering, Cherthala, Alappuzha | KTU | $\begin{aligned} & \text { CE: } 45, \mathrm{CS}: 30, \mathrm{EC}: 45, \mathrm{IT}: \\ & 30 \end{aligned}$ | 150 | $\begin{aligned} & 0478-2564490, \\ & 2562353 \end{aligned}$ |
| 23 | HCE | Heera College of Engineering \& Technology, Panavoor P O, Nedumangadu, Thiruvananthapuram | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 0472-2866666, \\ & 2867000 \end{aligned}$ |
| 24 | HGW | Holy Grace Academy of Engineering, Mala, Kuruvilassery P O, Thrissur | KTU | CE: 60, CS: 60, EC : 60, EE : 30, ME : 60 | 270 | 0480-3293889, 2891900, 2897155, 2897156 |
| 25 | ICE | Ilahia College of Engineering \& Technology, Muvattupuzha, Ernakulam | KTU | CE : 120, CS : 120, EC : 90, EE : 60, ME : 120 | 510 | $\begin{aligned} & 0485-2549145, \\ & 6451636 \end{aligned}$ |
| 26 | IES | IES College of Engineering, Chittilappilly, Thrissur | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 0487-2309966, \\ & 2309967 \end{aligned}$ |
| 27 | IGW | Indira Gandhi Institute of Engineering \& Technology for women, Nellikuzhi P O, Kothamangalam, Ernakulam | KTU | $\begin{aligned} & \text { CE : 60, CS : } 60, \mathrm{EC}: 30, \mathrm{EE} \\ & : 30 \end{aligned}$ | 180 | $\begin{aligned} & 0485-2827740, \\ & 2827454 \end{aligned}$ |
| 28 | ILE | I L M College of Engineering and Technology, Methala, Perumbavoor, Ernakulam | KTU | $\begin{aligned} & \mathrm{AO}: 60, \mathrm{CE}: 30, \mathrm{CS}: 30, \mathrm{EC} \\ & : 15, \mathrm{ME}: 30 \end{aligned}$ | 165 | $\begin{aligned} & 04842597900, \\ & 2597904 \end{aligned}$ |
| 29 | JBT | Jai Bharath College of Management \& Engineering Technology, Perumbavoor, Vengola P O, Ernakulam | KTU | CE: 60, CS: 60, EC : 30, EE : 15, ME : 90 | 255 | $\begin{aligned} & 0484-2655001, \\ & 2655379 \end{aligned}$ |


| $\begin{aligned} & \text { SI. } \\ & \text { No. } \end{aligned}$ | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 30 | JCE | Jawaharlal College of Engineering \& Technology, Mangalam,Lakkidi, Palakkad | KTU | $\begin{aligned} & \mathrm{AO}: 90, \mathrm{CE}: 60, \mathrm{CS}: 60, \mathrm{EC} \\ & : 60, \mathrm{ME}: 60 \end{aligned}$ | 330 | $\begin{aligned} & 0466-2405070, \\ & 2231550 \end{aligned}$ |
| 31 | JEC | Jyothi Engineering College, Vettikkattiri P.O., Cheruthuruthy, Thrissur - 679531 | KTU | CE : 60, CS : 120, EC : 60, EE : 60, ME : 120, MR : 60 | 480 | $\begin{aligned} & 04884274198, \\ & 274423 \end{aligned}$ |
| 32 | JIT | John Cox Memorial CSI Institute of Technology, Kannammoola, Thiruvananthapuram | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 0471-2446949, \\ & 3075512 \end{aligned}$ |
| 33 | KIT | Kottayam Institute of Technology \& Science, Pallicathode, Kottayam | KTU | AU-60, CE-60, CS-60, EC$60, \mathrm{EE}-60, \mathrm{ME}-120$ | 420 | 0481-2704700 |
| 34 | KMC | KMCT College of Engineering, Kallanthode, NIT Campus P.O., Kozhikode- 673601 | KTU | AE-60, AU-60, CE-60, CS60, EC-60, EE-60, ME-120, IT-60 | 540 | $\begin{aligned} & 0495-2289227, \\ & 2289099 \end{aligned}$ |
| 35 | KME | KMEA Engineering College, Edathala, Aluva, Ernakulam | KTU | $\begin{aligned} & \text { CE : 120, CS : 60, EC : 30, } \\ & \text { EE : 30, El : } 30, \mathrm{ME}: 120 \end{aligned}$ | 390 | $\begin{aligned} & 0484-2411003, \\ & 2411004 \end{aligned}$ |
| 36 | KMW | KMCT College of Engineering for Women, Mukkam, Manassery, Kozhikode. | KTU | BM-60, CE-60, CS-60 | 180 | $\begin{aligned} & 0495-2520952, \\ & 2520954 \end{aligned}$ |
| 37 | KVE | KVM College of Engineering \& Information Technology, Kokothamangalm, Cherthala, Alappuzha. | MG | CS-60 | 60 | $\begin{aligned} & \text { 0478-2810031, } \\ & 0478-2811080 \end{aligned}$ |
| 38 | LMC | Lourdes Matha College of Science \& Technology, Lourdes Hills, Kuttichal, Thiruvananthapuram - 695574 | KTU | CE-60, CS-90, EC-60, EE-30, ME-90 | 330 | $\begin{aligned} & 0472 \text { 2853550, } \\ & 2853546 \end{aligned}$ |
| 39 | MBC | Mar Baselios Christian College of Engineering \& Technology, Peermade, Idukki | KTU | CE-60, Cs-60, EC-60, <br> EE-60, ME-60 | 300 | $\begin{aligned} & 04869-233571, \\ & 233572 \end{aligned}$ |
| 40 | MBI | Mar Baselios Institute of Technology \& Science, Nellimattom P O, Kothamangalam, Ernakulam | KTU | CE-120, Cs-60, EC-60, EE60, ME-120 | 420 | $\begin{aligned} & 0485-2859308, \\ & 2859348 \end{aligned}$ |
| 41 | MBT | Mar Baselious College of Engineering \& Technology, Thiruvananthapuram | KTU | CE-120, CS-120, EC-120, $\mathrm{EE}-120, \mathrm{ME}-120$ | 600 | $\begin{aligned} & 04712545868, \\ & 2545869 \end{aligned}$ |
| 42 | MCC | Musaliar College of Engineering, Chirayinkeezhu, Thiruvananthapuram695304 | KTU | $\begin{aligned} & \text { CE: } 60, \mathrm{EC}: 15, \mathrm{EE}: 15, \mathrm{ME} \\ & : 60, \mathrm{CS}: 60 \end{aligned}$ | 210 | $\begin{aligned} & 04702640605, \\ & 2640123 \end{aligned}$ |
| 43 | MCE | Marian Engineering College, Menamkulam, Kazhakuttom , Thiruvananthapuram-695582 | KTU | CE-120, CS-90, EC-60, EE60, ME-120 | 450 | $\begin{aligned} & 04712707111, \\ & 2707150 \end{aligned}$ |
| 44 | MCK | Musaliar College of Engineering \& Technology, Kumbazha, Pathanamthitta | KTU | CE-60, CS-60, EC-30, EE30, ME-120 | 300 | $\begin{aligned} & \text { 0468-2301702, } \\ & 2301703,2621431 \end{aligned}$ |
| 45 | MCT | Mohandas College of Engineering \& Technology, Nedumangad, Thiruvananthapuram | KTU | $\begin{aligned} & \text { BB : } 60, \mathrm{CE}: 60, \mathrm{CS}: 60, \mathrm{EC} \\ & : 30, \mathrm{EE}: 30, \mathrm{ME}: 60 \end{aligned}$ | 300 | $\begin{aligned} & \text { 0472-2813039, } \\ & 2814578 \end{aligned}$ |
| 46 | MEA | MEA Engineering College, Perinthalmanna, Malappuram | KTU | CE-120, CS-90, EC-60, EE60, IT-30, ME-120 | 480 | $\begin{aligned} & 04933-277556, \\ & 277557 \end{aligned}$ |
| 47 | MEC | Malabar College of Engineering \& Tech., Deshamangalam, Pallur P O, Wadakkancherry (Via), Thrissur | KTU | AU-60, CE-60, CS-60, EC-30, ME-90, MR-60 | 360 | $\begin{aligned} & 04884-280801, \\ & 280800 \end{aligned}$ |
| 48 | MEE | MES College of Engineering \& Technology, Kunnukara, Ernakulam | KTU | $\begin{aligned} & \text { CE-60, CS-60, EC-30, EE- } \\ & 30, \mathrm{ME}-60 \end{aligned}$ | 240 | 0484-2573211 |
| 49 | MEK | MES Institute of Technology \& Management, Chathannoor, Kollam | KTU | CE-54, CS-54, EC-30, EE30, ME-54 | 222 | $\begin{aligned} & \text { 0474-2022761, } \\ & 2590700 \end{aligned}$ |
| 50 | MES | MES College of Engineering, Kuttippuram, Malappuram | KTU | $\begin{aligned} & \text { AE : 30, CE : 60, CS : } 120, \\ & E C: 60, \mathrm{EE}: 60, \mathrm{IT}: 30, \mathrm{ME} \\ & 60 \end{aligned}$ | 420 | $\begin{aligned} & 0494-3051234, \\ & 3051111 \end{aligned}$ |
| 51 | MET | MET's School of Engineering, Mala, Thrissur | KTU | $\begin{aligned} & \text { BT : 60, CE: } 60, \mathrm{CS}: 90, \text { EC } \\ & : 30, \mathrm{EE}: 30, \mathrm{ME}: 90 \end{aligned}$ | 360 | $\begin{aligned} & 0480-2897337, \\ & 2898032 \end{aligned}$ |


| SI. | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 52 | MGC | M.G. College of Engineering, Thiruvallam, Thiruvananthapuram | KTU | CS-60, EC-60, EE-60 | 180 | $\begin{aligned} & \text { 0471-2383185, } \\ & 2383747 \end{aligned}$ |
| 53 | MGE | MGM College of Engineering and Technology, Pampakuda, Muvattupuzha, Ernakulam | KTU | $\begin{aligned} & \text { CE: } 90, \mathrm{CS}: 54, \mathrm{EC}: 30, \text { EE } \\ & : 30, \mathrm{ME}: 81 \end{aligned}$ | 285 | $\begin{aligned} & 0485-2274455, \\ & 0485-2274456 \end{aligned}$ |
| 54 | MGP | Saintgits College of Engineering, Pathamuttom, Kottayam | KTU | $\begin{aligned} & \text { AE }: 60, \mathrm{CE}: 120, \mathrm{CH}: 60, \\ & \mathrm{CS}: 120, \mathrm{EC}: 60, \mathrm{EE}: 60, \mathrm{FT} \\ & : 60, \mathrm{ME}: 120, \mathrm{RB}: 60 \end{aligned}$ | 720 | $\begin{aligned} & 0481-2436169, \\ & 2436170 \end{aligned}$ |
| 55 | MHP | Ace College of Engineering, Plappattivila, Karinkadamugal, Thiruvallam, Thiruvananthapuram | KTU | AO-60, CE-60, EC-60, EE-60, ME-60 | 300 | $\begin{aligned} & 0471-2384437, \\ & 2384447 \end{aligned}$ |
| 56 | MLM | Mangalam College of Engineering, Ettumanoor, Kottayam | KTU | CE : 120, CS : 120, EC : 60, EE : 60, ME : 120 | 480 | $\begin{aligned} & 0481-2537053, \\ & 2533722 \end{aligned}$ |
| 57 | MLT | Malabar Institute of Technology, <br> Anjarakandy, Kannur | KTU | $\begin{aligned} & \text { CE: } 60, \mathrm{CS}: 60, \mathrm{EC}: 30, \mathrm{EE} \\ & : 30, \mathrm{ME}: 90 \end{aligned}$ | 270 | $\begin{aligned} & 0497-2856400, \\ & 2855005 \end{aligned}$ |
| 58 | MUS | Muslim Association College of Engineering, Venjaramoodu, Thiruvananthapuram | KTU | $\begin{aligned} & \text { CE-60, CS-60, EC-30, EE- } \\ & 30, \mathrm{ME}-60 \end{aligned}$ | 240 | $\begin{aligned} & \text { 0472-2870786, } \\ & 2875274 \end{aligned}$ |
| 59 | MUT | Muthoot Institute of Technology \& Science, Varokoli P.O., Puthencruez, Ernakulam | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 0484-2732111, \\ & 2732100 \end{aligned}$ |
| 60 | MZC | Mount Zion College of Engineering, Kadammanitta, Pathanamthitta | KTU | AE-30, AO-60, CE-60, CS-60, EC-30, ME-60 | 300 | $\begin{aligned} & 0468-2216325, \\ & 2217425 \end{aligned}$ |
| 61 | MZW | Mount Zion Institute of Science \& Technology, Kozhuvallur, Chengannoor, Alappuzha | KTU | CE : 60, CS : 30, ME : 60 | 150 | $\begin{aligned} & \text { 0479-2166038, } \\ & 2369438 \end{aligned}$ |
| 62 | NCE | Nehru College of Engineering \& Research Centre, Pampady, Thiruvilwamala, Thrissur | KTU | $\begin{aligned} & \text { CS: } 120, \text { EC : } 60, \mathrm{EE}: 60 \text {, } \\ & \text { ME : } 90, \mathrm{MR}: 60 \end{aligned}$ | 390 | $\begin{aligned} & 04884-281670, \\ & 282070 \end{aligned}$ |
| 63 | NIE | Nirmala College of Engineering, Kunnappilly, Chalakkudy, Thrissur | KTU | CE : 60, ME : 60, MR : 30 | 150 | $\begin{aligned} & 0480-2739800, \\ & 2739801 \end{aligned}$ |
| 64 | NML | North Malabar Institute of Technology, Kanhangad, Kasargod | KTU | $\begin{aligned} & \text { CE-60, CS-60, EC-30, EE- } \\ & 30, \mathrm{ME}-60 \end{aligned}$ | 240 | $\begin{aligned} & 04672440024, \\ & 2205114 \end{aligned}$ |
| 65 | PAA | PA Aziz College of Engineering \& Technology, Karakulam, Thiruvananthapuram. | KTU | CE: 30, CS: 30, EC : 60, EE <br> 30, ME : 30, AE : 30 | 210 | $\begin{aligned} & \text { 0471-2370110, } \\ & \text { 2370111, 2370112, } \\ & \text { 2370113. } \end{aligned}$ |
| 66 | PRC | Providence College of Engineering, Vattamala, Perisseri East, Angadikkal, Chengannur, Alappuzha | KTU | CE-60, CS-60, EC-30, EE30, ME-60 | 240 | 04792451083 |
| 67 | PRS | PRS College of Engineering \& Tech., Paliyode, Neyyattinkara, Thiruvananthapuram | KTU | $\begin{aligned} & \text { CE: } 90, \mathrm{CS}: 30, \mathrm{EC}: 30, \mathrm{EE} \\ & : 30, \mathrm{ME}: 30 \end{aligned}$ | 210 | $\begin{aligned} & \text { 0471-2256766, } \\ & 2257161 \end{aligned}$ |
| 68 | RCE | Royal College of Engineering \& Technology, Akkikavu, Thrissur | KTU | CE-60, CS-120, EC-60, EE- <br> 60, ME-120 | 420 | $\begin{aligned} & \text { 04885-289009, } \\ & 271121 \end{aligned}$ |
| 69 | RET | Rajagiri School of Engineering and Technology, Rajagiri Valley P.O., Kochi | KTU | AE-60, CE-60, CS-180, EC180, EE-60,IT-60, ME-120 | 720 | $\begin{aligned} & 04842427835, \\ & 2428239 \end{aligned}$ |
| 70 | RIE | Rajadhani Institute of Engineering \& Tech., Nedumparambu P O, Nagaroor, Attingal, Thiruvananthapuram | KTU | AO-60, CE-120, CS-60, EC60, EE-60, ME-120 | 480 | $\begin{aligned} & \text { 0470-2679797, } \\ & 2679898 \end{aligned}$ |
| 71 | SBC | Sree Buddha College of Engineering, Pattoor P O, Padanilam via, Alappuzha | KTU | BB-60, CE-60, CS-60, EC60, EE-60, ME-120 | 420 | $\begin{aligned} & 0479-2375440, \\ & 2375442 \end{aligned}$ |
| 72 | SBW | Sree Buddha College of Engineering, Ayathil, Elavumthitta, Pathanamthitta | KTU | CE-60, CS-60, EC-30, EE30, ME-60 | 240 | $\begin{aligned} & \hline 0468-2259100, \\ & 2258100 \end{aligned}$ |
| 73 | SCM | SCMS School of Engineering \& Technology, Karukutty, Ernakulam | KTU | AU-60, CE-120, CS-120, EC$90, \mathrm{EE}-60, \mathrm{ME}-120$ | 570 | $\begin{aligned} & \text { 0484-2450330, } \\ & 2450507 \end{aligned}$ |
| 74 | SGT | Sadguru Swami Nithyananda Institute of Technology, Kanhangad, Kasaragod | KTU | CE: $30, \mathrm{CS}: 30, \mathrm{ME}: 30$ | 90 | 0467-2200602 |


| $\begin{aligned} & \text { SI. } \\ & \text { No. } \end{aligned}$ | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 75 | SHM | Shahul Hameed Memorial Engineering College, Kadakkal, Kollam | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 0474-2424573, \\ & 2424900 \end{aligned}$ |
| 76 | SHR | Sahrdaya College of Engineering \& Technology, P.B.No.17, Kodakara, Thrissur | KTU | $\begin{aligned} & \mathrm{BM}: 60, \mathrm{BT}: 60, \mathrm{CE}: 60, \mathrm{CS} \\ & : 120, \mathrm{EC}: 60, \mathrm{EE}: 60 \end{aligned}$ | 420 | $\begin{aligned} & 04802726630, \\ & 2759275 \end{aligned}$ |
| 77 | SIT | Sarabhai Institute of Science \& Technology, Vellanad, Thiruvananthapuram | KTU | CE-60, CS-60, EC-60, EE30, EI-30, ME-60 | 300 | $\begin{aligned} & 0472-2884448, \\ & 2884449 \end{aligned}$ |
| 78 | SJC | St.Josephs College of Engineering \& Technology, Palai, Choondacherry P.O., Kottayam | KTU | CE-60, CS-120, EC-90, EE60, El-30, ME-120 | 480 | $\begin{aligned} & 04822239308, \\ & 2239307 \text { (fax) } \end{aligned}$ |
| 79 | SNC | Sree Narayana Guru College of Engineering \& Technology, Payyanur, Kannur | KTU | CE-60, CS-60, EC-30, EE30, ME-60 | 240 | $\begin{aligned} & \text { 04985-201987, } \\ & 201988 \end{aligned}$ |
| 80 | SNG | Sree Narayana Gurukulam College of Engineering, Kolencherry, Ernakulam | KTU | $\begin{aligned} & \text { CE : 90, CS : } 90, \text { EC : } 90, \text { EE } \\ & : 60, \mathrm{ME}: 90, \mathrm{SB}: 60 \end{aligned}$ | 480 | $\begin{aligned} & \text { 0484-2764841, } \\ & 2760887 \end{aligned}$ |
| 81 | SNM | Sree Narayana Mangalam Institute of Management \& Technology, Maliankara, Ernakulam | KTU | CE-60, CS-60, EC-60, EE60 , IC-60, ME-120, | 420 | $\begin{aligned} & 0484-2484142, \\ & 2484144 \end{aligned}$ |
| 82 | SNP | Sree Narayana Institute of Technology, Adoor, Pathanamthitta | KTU | $\begin{aligned} & \text { CE-60, EC-60, EE-60, MA- } \\ & 60, \mathrm{ME}-60 \end{aligned}$ | 300 | $\begin{aligned} & \hline 0473-4244600, \\ & 4244700,4250500 \\ & \hline \end{aligned}$ |
| 83 | SNT | Sree Narayana Guru Institute of Science \& Technology, Thekkethazham, Mannam P O, North Paravur, Ernakulam | KTU | CE : 60, CS : 60, EE : 60, ME | 240 | $\begin{aligned} & 0484-2440220, \\ & 2445252 \end{aligned}$ |
| 84 | SPT | Sreepathy Institute of Management \& Tech., Vavanoor, Koottanad, Palakkad | KTU | $\begin{aligned} & \text { CE : } 60, \mathrm{CS}: 60, \mathrm{EC}: 30, \text { EE } \\ & : 30, \mathrm{ME}: 60 \end{aligned}$ | 240 | $\begin{aligned} & \text { 0466-2370200, } \\ & 2371400 \end{aligned}$ |
| 85 | STC | St. Thomas College of Engineering \& Tech., Kozhuvalloor P O, Venmoney, Chengannur, Alappuzha | KTU | CE-60, CS-60, EC-30, EE30, ME-60 | 240 | $\begin{aligned} & \text { 0479-2369993, } \\ & 2369994 \end{aligned}$ |
| 86 | STI | St. Thomas Institute of Science \& Tech., Mar Chrysostom Nagar, Kattaikonam P O, Kazhakkoottam, Thiruvananthapuram | KTU | CE-60, CS-60, EC-30, EE30, ME-60 | 240 | $\begin{aligned} & 0471-2410640, \\ & 2410641 \end{aligned}$ |
| 87 | STM | St. Thomas College of Engineering \& Technology, Sivapuram P O,Mattanur (via), Kannur | KTU | CE-60, CS-60, EC-60, ME-60 | 240 | 0490-3000600 |
| 88 | TCE | Toms College of Engineering for Startups, Mattakara P O,Kottayam-686564 | KTU | CE : 60, CH: 60, CS : 60, ME : 60 | 240 | $\begin{aligned} & \text { 0481-2545659, } \\ & 2544659 \end{aligned}$ |
| 89 | TCT | Trinity College of Engineering, Trinity Hill, Poovada, <br> Naruvamoodu,Thiruvananthapuram | KTU | $\begin{aligned} & \mathrm{CE}: 60, \mathrm{EC}: 30, \mathrm{EE}: 30, \mathrm{ME} \\ & : 60 \end{aligned}$ | 180 | 0471-2395060 |
| 90 | TEC | Travancore Engineering college, Roadvila, Cheriyavelinalloor, Oyoor, Kollam | KTU | CE-60, CS-60, EE-30, ME-60 | 210 | 0474-2467235 |
| 91 | TJE | Thejus Engineering College, Vellarkkad, Erumapetti P O, Thrissur | KTU | CE-120, CS-120, EC-120, EE-60, ME-120 | 540 | $\begin{aligned} & 04885-269466, \\ & 269431 \end{aligned}$ |
| 92 | TKI | T K M Institute of Technology, Ezhukone, Kollam | KTU | BM : 60, CE : 60, CS : 60, EE : 30, FT : 60, ME : 60 | 330 | $\begin{aligned} & 0474-2482833, \\ & 2482083 \end{aligned}$ |
| 93 | TOC | Toc H Institute of Science \& Technology, Arakkunnam, Ernakulam | KTU | $\begin{aligned} & \text { CE : 60, CS: 60, EC : 60, EE } \\ & : 60, \mathrm{FS}: 60, \mathrm{IT}: 30, \mathrm{ME}: \\ & 120, \mathrm{RB}: 60 \end{aligned}$ | 510 | $\begin{aligned} & 0484-2749600, \\ & 2738129 \end{aligned}$ |
| 94 | UKP | UKF College of Engineering \& Technology, Meenambalam, Puthemkulam P O, <br> Parippally Via, Kollam | KTU | CE-60, CS-60, EC-120, EE60, ME-120 | 420 | $\begin{aligned} & \text { 0474-2577958, } \\ & 2577959 \end{aligned}$ |
| 95 | UNT | Universal Engineering College, Vallivattom P O, Konathukunnu, Thrissur | KTU | CE-60, Cs-60, EC-60, EE-60, ME-120 | 360 | 0480-2810040 |
| 96 | VAK | Vidya Academy of Science \& Technology, Technical Campus, Malackal P.O., Kilimanoor, Thiruvananthapuram. | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 0470-2649574, \\ & 2649234 \end{aligned}$ |
| 97 | VAS | Vidya Academy of Science \& Technology, Thalakkottukara, Thrissur | KTU | $\begin{aligned} & \text { CE: 120, CS: } 120, \text { EC : } \\ & \text { 120, ME: } 120, \mathrm{EE}: 120 \end{aligned}$ | 600 | $\begin{aligned} & \text { 04885-287751, } \\ & 287752 \end{aligned}$ |
| 98 | VIT | Vijnan Institute of Science \& Technology, Nellurupara, Piravom, Ernakulam | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | 0485-2258520 |


| $\begin{aligned} & \text { SI. } \\ & \text { No. } \end{aligned}$ | Code | College | University | Courses offered No. of seats | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 99 | VKE | Valia Koonambaikulathamma College of Engg.\& Tech., Chavarcode, Parippally P O, Thiruvananthapuram | KTU | CE-60, CS-60, EC-60, EE60, ME-60 | 300 | $\begin{aligned} & 0470-2665223, \\ & 2665222 \end{aligned}$ |
| 100 | VJC | Viswajyothi College of Engineering \& Technology, Vazhakulam, Muvattupuzha, Ernakulam | KTU | CE-120, CS-120, EC-120, EE-60, IT-60, ME-120 | 600 | $\begin{aligned} & 04852262211, \\ & 2262244 \end{aligned}$ |
| 101 | VML | VimalJyothi Engineering College, Chemperi P.O., Kannur - 670632 | KTU | $\begin{aligned} & \text { AE : 30, CE : } 120, \text { CS : } 120, \\ & E C: 90, E E: 60, M E: 120 \end{aligned}$ | 540 | $\begin{aligned} & 04602212240, \\ & 2213399 \end{aligned}$ |
| 102 | VPE | Sri. Vellappally Natesan College of Engineering, Pallikkal P O, Mavelikkara, Alappuzha | KTU | $\begin{aligned} & C E: 120, \mathrm{CS}: 60, \mathrm{EC}: 30, \\ & \mathrm{EE}: 30, \mathrm{ME}: 120, \mathrm{MP}: 30 \end{aligned}$ | 390 | $\begin{aligned} & \text { 0479-2331696, } \\ & 2334393 \end{aligned}$ |
| 103 | VVT | Veda Vyasa Institute of Technology, Ponnempadam, Malappuram | KTU | CE-60, CS-30, EC-30, EE30, ME-60 | 210 | $\begin{aligned} & \hline 0483-2832157, \\ & 2302961 \end{aligned}$ |
| 104 | YCE | Younus College of Engineering \& Technology, Vadakkevila, Kollam | KTU | CE-120, CS-60, EC-60, EE60 , , ME-120 | 420 | $\begin{aligned} & \text { 0474-2724305, } \\ & 2723292 \end{aligned}$ |
| 105 | YCK | Younus Institute of Technology, <br> Kannanalloor, Nedumpana P O, Kollam | KTU | CE-60, EE-30, ME-60,EC-30 | 180 | $\begin{aligned} & \hline 0474-2561492, \\ & 2561493 \end{aligned}$ |
| 106 | ALR | Alsalama Institute of Architecture, Malaparamba, Perinthalmanna, Malappuram | Calicut | AR - 40 | 40 | $\begin{aligned} & \hline \text { 0493-3315200, } \\ & 0493-3393357 \end{aligned}$ |
| 107 | APR | APJ Abdul Kalam School of Architecture, Moovattupuzha, Ernakulam | MG | AR-40 | 40 |  |
| 108 | ASR | Asian School of Architecture and Design Innovations, Vyttila, Kochi | MG | AR-40 | 40 | 0484-2389940 |
| 109 | AVR | Avani Institute of Design, Kalipoika, Puthiyara P O, Kozhikode | Calicut | AR-80 | 80 | 0495-3100500 |
| 110 | BJR | Bishop Jerome Institute( School of Architecture), Fathima College Road, Kollam | KTU | AR-40 | 40 | $\begin{aligned} & \hline 0474-2764051 \\ & 0474-2764053 \end{aligned}$ |
| 111 | DCR | DC School of Architecture and Design, Pullikanam, Vagamon, Idukki | MG | AR-80 | 80 | 0486-9202110 |
| 112 | DGR | Devaki Amma's Guruvayurappan College of Architecture, Chelambra, Pulliparamba P O, Malappuram | Calicut | AR - 40 | 40 | $\begin{aligned} & \text { 0483-2891330, } \\ & 0483-2891623 \end{aligned}$ |
| 113 | EKR | Eranad Knowledge City College of Architecture, Cherukulam, Manjeri, Malappuram. | Calicut | AR - 80 | 80 | $\begin{aligned} & \text { 0483-3013666, } \\ & 0483-3013607 \end{aligned}$ |
| 114 | GIR | Global Institute of Architecture, Peradikunnu, Nakaripuram, Pathiripala, Palakkad. | Calicut | AR -80 | 80 | 0491-3243366 |
| 115 | HCA | Holy Crescent College of Architecture, South Vazhakulam, Aluva, Ernakulam | MG | AR-40 | 40 | 0484-2678899 |
| 116 | IER | IES College of Architecture, Chittilappilli, Thrissur | Calicut | AR-40 | 40 | $\begin{aligned} & \text { 0487-2309708, } \\ & 2309966 \\ & \hline \end{aligned}$ |
| 117 | KMR | KMEA College of Architecture, Kuzhivelipadi, Edathala, Aluva, Ernakulam | MG | AR - 80 | 80 | $\begin{aligned} & \hline 0484-2411003, \\ & 2411004 \end{aligned}$ |
| 118 | KTR | KMCT College of Architecture, Kalanthode, Poolakode, Kozhikkode. | Calicut | AR - 40 | 40 | 0495-2291645 |
| 119 | MCR | Mariyan College of Architecture \& Planning, Kazhakuttom, Thiruvananthapuram. | CUSAT | AR -80 | 80 | $\begin{aligned} & \hline 0471-2707111, \\ & 0471-2706157 \\ & \hline \end{aligned}$ |
| 120 | MER | MES College of Architecture, Nedumalakkunnu, Kizhakkumuri P.O., Kakkodi, Kozhikkode. | Calicut | AR - 40 | 40 | $\begin{aligned} & 0495-2762080, \\ & 2369321 \end{aligned}$ |
| 121 | MKR | School of Architecture, Mookambika Technical Campus, Etappilly, Mannathur, Muvattupuzha, Ernakulam | MG | AR - 40 | 40 | 0485-2876300 |
| 122 | MLR | Mangalam School of Architecture, Perumbaikad, Kottayam. | MG | AR-40 | 40 | 0481-2311964 |
| 123 | MRR | MES School of Architeture, Kuttippuram, Malappuram. | Calicut | AR-40 | 40 | $\begin{aligned} & \text { 0494-3051234 } \\ & 0494-2698081 \end{aligned}$ |
| 124 | MTR | KMCT College of Architecture, Manassery, Kozhikkode. | Calicut | AR-40 | 40 | 0495-2299288 |
| 125 | NCR | Nehru College of Architecture, Lakkidi, Palakkad | Calicut | AR - 40 | 40 | 04662-231383 |


| SI. <br> No. | Code | College | University | Courses offered <br> No. of seats | Total <br> Seats | Phone No. |
| :---: | :---: | :--- | :---: | :---: | :---: | :---: |
| 126 | NMR | Nizar Rahim and Mark School of <br> Architecture, Nizar Estate, Madannada, <br> Kollam -691016 | CUSAT | AR-40 | 40 | $0474-6065555$ |
| 127 | NVR | College of Architecture, Vellanad, <br> Thiruvananthapuram | Kerala | AR-120 | 120 | $0472-2888822$ |
| 128 | SCR | SCMS School of Architecture, Pallissery, <br> Karukutty, Ernakulam | MG | AR-80 | 80 | $0484-2450330$ <br> $0484-6619000$ |
| 129 | SNR | Sneha College of Architecture, Attayapathi, <br> Govindapuram, Palakkad | Calicut | AR-40 | 40 | 04923276436, <br> 3276426 |
| 130 | TER | TKM School of Architecture, Ezhukone, <br> Kollam. | CUSAT | AR-40 | 40 | $0474-2165248$ |
| 131 | TIR | Talent Institute of Architecture, Mudur, <br> Edappal, Malappuram | Calicut | AR-40 | 40 | $0494-2690218$ |
| 132 | TJR | Thejus College of Architecture, Vellarkad, <br> Erumappetty P 0, Thrissur | Calicut | AR-80 | 80 | 0488267135 |
| 133 | VVR | Vedavyasa College of Architecture, <br> Ponnempadam P 0, Karadparamba, <br> Malappuram. | Calicut | AR - 30 | 30 | $0483-2832157$, <br> $0483-2832457$ |

Notes: (i) The list is not final. The final list of institutions/Courses/sanctioned strength will be published before the Centralised Allotment Process 2020.
(ii) Allotment to all Colleges/Courses will be subject to approval of Central Regulatory Bodies/Government of India/Kerala and Affiliation of the concerned University.
(iii) Allotments from the State Rank List to Self-financing Colleges will be subject to Clauses 1.7 and 2.1.1

ANNEXURE - II (1) (b)
(See Clauses 1.3.1 \& 1.3.2)
DESCRIPTION OF COURSE CODES

| SI. <br> No. | Branch <br> Code | Name of Branch | Sl. <br> No. | Branch <br> Code | Name of Branch |
| :---: | :---: | :--- | :---: | :---: | :--- |
| 1 | AE | Applied Electronics\& Instrumentation | 17 | FS | Safety \& Fire Engineering |
| 2 | AG | B.Tech. (Agricultural Engineering) | 18 | FT | Food Technology |
| 3 | AO | Aeronautical Engineering | 19 | IC | Instrumentation \& Control Engineering |
| 4 | AR | Architecture | 20 | IE | Industrial Engineering |
| 5 | AU | Automobile Engineering | 21 | IT | Information Technology |
| 6 | BB | Biotechnology \& Biochemical Engineering | 22 | MA | Mechanical (Automobile) |
| 7 | BM | Bio Medical Engineering | 23 | ME | Mechanical Engineering |
| 8 | BT | Bio-Technology | 24 | MG | Metallurgical \& Materials Engineering |
| 9 | CE | Civil Engineering | 25 | MP | Mechanical (Production Engineering) |
| 10 | CH | Chemical Engineering | 26 | MR | Mechatronics Engineering |
| 11 | CS | Computer Science \& Engineering | 27 | MT | Metallurgy |
| 12 | DS | Dairy Technology | 28 | PO | Polymer Engineering |
| 13 | EB | Electronics \& Bio Medical Engineering | 29 | PE | Production Engineering |
| 14 | EC | Electronics \& Communication | 30 | PT | Printing Technology |
| 15 | EE | Electrical \& Electronics | 31 | RB | Robotics \& Automation |
| 16 | EI | Electronics \& Instrumentation | 32 | SB | Naval Architecture \& Ship Building |

## DISTRIBUTION OF SEATS UNDER SPECIAL RESERVATION CATEGORIES

[See clauses 4.1.9, 4.1.10, 5.2 and 5.2 (vii)]
[Details of college codes are given in Annexure - II (1)(a) Details of category codes are available at the end of this Annexure]

| College | Course |  | SPECIAL RESERVATION CATEGORIES (GOVT / AIDED) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | GI | RQ | CC | PI | PT | XS | SD | DK | RP | JW | SG | TOTAL |
| CDT | DS |  |  |  | 1 |  |  |  |  |  |  |  | 1 |
| IDK | CS | 1 |  | 1 |  |  |  |  |  |  |  |  | 2 |
|  | EC | 2 |  | 1 | 1 |  |  |  |  |  |  |  | 4 |
|  | EE | 2 |  |  |  |  |  |  |  |  |  |  | 2 |
|  | IT | 2 |  | 1 | 1 | 1 | 1 |  |  |  |  |  | 6 |
| KCT | AG |  |  |  | 1 |  |  | 1 |  |  |  |  | 2 |
| KKE | AE |  |  | 1 |  |  |  | 1 |  |  |  |  | 2 |
|  | CE | 2 |  |  |  |  |  |  |  |  |  |  | 2 |
|  | CH |  |  |  |  |  |  | 1 |  |  |  |  | 1 |
|  | EC | 2 |  |  |  |  |  |  |  |  |  |  | 2 |
|  | ME | 2 |  |  |  |  |  |  |  |  |  |  | 2 |
| KNR | CE | 2 | 1 |  |  |  |  |  |  |  |  |  | 3 |
|  | CS | 2 |  | 1 |  | 1 |  |  |  |  |  |  | 4 |
|  | EC | 2 |  | 1 |  |  |  |  |  |  |  |  | 3 |
|  | EE | 2 |  | 1 |  |  |  | 1 |  |  |  |  | 4 |
|  | ME |  |  |  |  |  |  | 1 |  |  |  |  | 1 |
| KTE | CE | 2 |  | 1 |  |  |  |  |  |  |  | 1 | 4 |
|  | CS | 2 |  | 1 |  |  |  |  |  |  |  |  | 3 |
|  | EC | 2 |  | 1 |  |  |  | 1 |  |  |  |  | 4 |
|  | EE | 3 |  |  | 1 |  |  |  |  |  |  |  | 4 |
|  | ME |  |  |  |  |  |  |  | 1 |  |  |  | 1 |
| MAC | CE | 4 |  |  |  |  |  |  |  |  |  |  | 4 |
|  | CS | 2 |  | 1 |  |  |  |  |  |  |  |  | 3 |
|  | EC | 2 |  | 1 |  | 1 |  |  |  |  |  |  | 4 |
|  | EE | 4 | 1 |  |  |  | 1 |  | 1 |  |  |  | 7 |
|  | ME | 2 |  | 1 |  |  | 1 | 1 |  |  | 1 |  | 6 |
| NSS | CE | 4 |  |  |  |  |  |  |  |  |  |  | 4 |
|  | CS | 2 |  |  |  |  | 1 |  |  |  |  | 1 | 4 |
|  | EC | 1 |  | 1 |  | 1 |  |  |  |  |  |  | 3 |
|  | EE | 2 |  |  |  | 1 |  |  |  |  |  |  | 3 |
|  | IC | 5 |  | 1 |  |  |  |  |  |  |  |  | 6 |
|  | ME | 3 |  |  |  |  | 1 | 1 |  |  |  |  | 5 |
| PKD | CS | 1 |  |  |  |  |  | 1 |  |  |  |  | 2 |
|  | EC | 2 |  | 1 | 1 |  |  |  |  |  |  |  | 4 |
|  | IT | 2 |  | 2 |  | 1 |  |  | 1 |  |  |  | 6 |
|  | ME | 2 |  |  |  |  |  |  |  |  |  |  | 2 |
| TCR | CE | 4 |  |  |  |  | 1 | 1 | 1 |  |  |  | 7 |
|  | CH | 4 |  | 1 |  |  |  |  |  |  |  |  | 5 |
|  | CS | 2 |  | 1 |  |  |  |  |  |  |  |  | 3 |
|  | EC | 1 |  |  | 1 |  |  |  |  |  |  |  | 2 |
|  | EE | 4 |  |  |  |  |  |  |  |  |  |  | 4 |
|  | ME |  | 1 |  |  | 1 |  |  |  |  |  |  | 2 |
|  | PE | 2 |  | 1 |  |  |  |  |  |  |  |  | 3 |
| TKM | AR | 2 |  |  |  |  |  |  |  |  |  |  | 2 |
|  | CE | 6 |  |  |  |  |  | 1 |  |  |  |  | 7 |
|  | CH | 2 |  |  |  |  |  |  |  | 1 |  |  | 3 |
|  | CS | 2 |  | 1 |  |  |  |  |  | 1 |  |  | 4 |
|  | EC | 4 |  |  | 1 |  |  |  | 1 |  |  |  | 6 |
|  | EE | 4 | 1 |  |  |  |  | 1 |  | 1 |  |  | 7 |
|  | ME | 2 |  | 1 |  |  |  |  |  |  |  |  | 3 |
|  | MP |  |  |  |  | 1 |  |  |  |  |  |  | 1 |


| TRV | CE | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | EC | 2 |  | 1 |  |  |  |  |  |  |  |  |  | 3 |
|  | EE | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  | IT | 2 |  | 1 |  |  | 1 |  | 1 |  |  |  |  | 5 |
|  | ME | 1 |  |  |  |  |  |  |  |  |  |  |  | 1 |
| TVE | AE | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  | AR | 3 |  | 1 |  |  |  |  | 1 |  |  |  |  | 5 |
|  | CE | 4 | 1 | 1 |  |  | 1 | 1 | 1 |  | 1 |  |  | 10 |
|  | CS | 2 |  | 1 |  |  |  |  |  |  |  |  |  | 3 |
|  | EC | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  | EE | 2 |  |  | 1 |  |  | 1 | 1 |  |  |  |  | 5 |
|  | IE | 1 |  | 1 |  |  |  |  |  |  |  |  |  | 2 |
|  | ME | 6 | 1 |  |  |  |  |  |  |  | 1 |  |  | 8 |
| WYD | CS | 2 |  |  | 1 |  |  |  |  | 1 |  |  |  | 4 |
|  | EC | 4 |  | 1 |  |  |  |  | 1 |  |  |  |  | 6 |
|  | EE | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  | ME | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
|  |  | SPECIAL RESERVATION CATEGORIES (GOVT. CONTROLLED SELF FINANCING COLLEGES) |  |  |  |  |  |  |  |  |  |  |  |  |
| Coilege | Course | GI | RQ | CC | PI |  | PT | XS | SD | DK | RP | JW | SG | TOTAL |
| ADR | ME | 3 |  |  |  |  |  |  |  |  |  |  |  | 3 |
|  | EC | 4 |  |  |  |  |  |  |  |  |  |  |  | 4 |
| CEA | CS |  |  |  |  |  |  |  |  | 1 |  |  |  | 1 |
| CHN | EE | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
| KSD | CE | 1 |  |  |  |  |  |  |  |  |  |  |  | 1 |
|  | ME |  |  |  |  |  |  | 1 |  |  |  |  |  | 1 |
| MDL | CS | 4 |  |  |  |  |  |  |  |  |  |  |  | 4 |
|  | EE | 1 |  |  |  |  |  |  |  |  |  |  |  | 1 |
| PRP | IT | 2 |  |  |  |  |  |  |  |  |  |  |  | 2 |
| SCT | EC | 3 |  |  |  |  |  |  |  |  |  |  |  | 3 |
| TOTAL |  | 168 | 6 | 30 | 20 |  |  | 9 | 17 | 7 | 5 | 1 | 2 | 265 |

ANNEXURE - II (2) (b)
DISTRIBUTION OF SEATS UNDER SPECIAL RESERVATION CATEGORIES IN PRIVATE SELF FINANCING ENGINEERING/ ARCHITECTURE COLLEGES.
[See Clause 1.7 \& the Note below clause 5.2.4]
[Details of college codes are given in Annexure - II (1) (a).
Details of category codes are available at the end of this Annexure]

| SI.No | College Code | Course | SPECIAL RESERVATION CATEGORIES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | PI | PT | CC | XS | DK | SD | RP |
| 1 | AAE | CE | 1 |  |  |  |  |  |  |
| 2 | AAP | EC |  |  | 1 |  |  |  |  |
| 3 | AIK | EE | 1 |  |  |  |  |  |  |
| 4 | AJC | EC |  |  | 1 |  |  |  |  |
| 5 | AME | CE |  | 1 |  |  |  |  |  |
| 6 | ASI | EC |  |  | 1 |  |  |  |  |
| 7 | ATP | EE | 1 |  |  |  |  |  |  |
| 8 | AWH | CS |  |  | 1 |  |  |  |  |
| 9 | AXE | CE | 1 |  |  |  |  |  |  |
| 10 | BJK | EC |  |  | 1 |  |  |  |  |
| 11 | BMC | CS |  | 1 |  |  |  |  |  |
| 12 | CCE | CE |  | 1 | 1 |  |  |  |  |
| 13 | CCV | ME |  |  |  |  |  |  |  |
| 14 | CEN | CE | 1 |  | 1 |  |  |  |  |
| 15 | CKC | CS | 1 |  |  |  |  |  |  |
| 16 | CMA | EE |  |  | 1 |  |  |  |  |
| 17 | DMC | CE |  | 1 |  |  |  |  |  |
| 18 | ECE | CS |  |  | 1 |  |  |  |  |
| 19 | EKC | EC |  | 1 |  |  |  |  |  |
| 20 | FIT | EE |  |  | 1 |  |  |  |  |
| 21 | GIT | ME |  |  |  |  |  |  |  |


| SI.No | College Code | Course | SPECIAL RESERVATION CATEGORIES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | PI | PT | CC | XS | DK | SD | RP |
| 22 | GWE | CE |  |  | 1 |  |  |  |  |
| 23 | HCE | CS |  |  |  | 1 |  |  |  |
| 24 | HGW | EC |  |  |  |  | 1 |  |  |
| 25 | ICE | CS |  |  |  |  |  | 1 |  |
| 26 | IES | EC |  |  |  |  |  |  | 1 |
| 27 | IGW | CE |  |  |  | 1 |  |  |  |
| 28 | ILE | CE |  |  |  |  | 1 |  |  |
| 29 | JBT | EC |  |  |  |  |  | 1 |  |
| 30 | JCE | EC |  |  |  |  |  |  | 1 |
| 31 | JEC | ME |  |  |  | 1 |  |  |  |
| 32 | JIT | CS |  |  |  |  | 1 |  |  |
| 33 | KIT | CE |  |  |  |  |  | 1 |  |
| 34 | KMC | CE |  |  |  |  |  |  | 1 |
| 35 | KME | EE |  |  |  | 1 |  |  |  |
| 36 | KMW | BM |  |  |  |  | 1 |  |  |
| 37 | KVE | CS |  |  |  |  |  | 1 |  |
| 38 | LMC | EC |  |  |  |  |  |  | 1 |
| 39 | MBC | EE |  |  |  | 1 |  |  |  |
| 40 | MBI | ME |  |  |  |  | 1 |  |  |
| 41 | MBT | CE |  |  |  |  |  | 1 |  |
| 42 | MCC | EC |  |  |  |  |  |  | 1 |
| 43 | MCE | CS |  |  |  | 1 |  |  |  |
| 44 | MCK | EE |  |  |  |  | 1 |  |  |
| 45 | MCT | EE |  |  |  |  |  | 1 |  |
| 46 | MEA | ME |  |  |  |  |  |  | 1 |
| 47 | MEC | AU |  |  |  | 1 |  |  |  |
| 48 | MEE | CS |  |  |  |  | 1 |  |  |
| 49 | MEK | EC |  |  |  |  |  | 1 |  |
| 50 | MES | CS |  |  |  |  |  |  | 1 |
| 51 | MET | EE |  |  |  | 1 |  |  |  |
| 52 | MGC | CS |  |  |  |  | 1 |  |  |
| 53 | MGE | CE |  |  |  |  |  | 1 |  |
| 54 | MGP | CE |  |  |  |  |  |  | 1 |
| 55 | MHP | EC |  |  |  | 1 |  |  |  |
| 56 | MLM | CS |  |  |  |  | 1 |  |  |
| 57 | MLT | EC |  |  |  |  |  | 1 |  |
| 58 | MUS | ME |  |  |  |  |  |  | 1 |
| 59 | MUT | CE |  |  |  | 1 |  |  |  |
| 60 | MZC | AO |  |  |  |  | 1 |  |  |
| 61 | MZW | CS |  |  |  |  |  | 1 |  |
| 62 | NCE | EE |  |  |  |  |  |  | 1 |
| 63 | NIE | ME |  |  |  | 1 |  |  |  |
| 64 | NML | CE |  |  |  |  | 1 |  |  |
| 65 | PAA | EC |  |  |  |  |  | 1 |  |
| 66 | PRC | ME |  |  |  |  |  |  | 1 |
| 67 | PRS | CS |  |  |  | 1 |  |  |  |
| 68 | RCE | CS |  |  |  |  | 1 |  |  |
| 69 | RET | EC |  |  |  |  |  | 1 |  |
| 70 | RIE | EE |  |  |  |  |  |  | 1 |
| 71 | SBC | ME |  |  |  | 1 |  |  |  |
| 72 | SBW | CE |  |  |  |  | 1 |  |  |
| 73 | SCM | CE |  |  |  |  |  | 1 |  |
| 74 | SGT | ME |  |  |  |  |  |  | 1 |
| 75 | SHM | EE |  |  |  | 1 |  |  |  |
| 76 | SHR | EC |  |  |  |  | 1 |  |  |
| 77 | SIT | ME |  |  |  |  |  | 1 |  |
| 78 | SJC | CS |  |  |  |  |  |  | 1 |


| SI.No | College Code | Course | SPECIAL RESERVATION CATEGORIES |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | PI | PT | CC | XS | DK | SD | RP |
| 79 | SNC | CS |  |  |  | 1 |  |  |  |
| 80 | SNG | EC |  |  |  |  | 1 |  |  |
| 81 | SNM | EE |  |  |  |  |  | 1 |  |
| 82 | SNP | ME |  |  |  |  |  |  | 1 |
| 83 | SNT | CE |  |  |  | 1 |  |  |  |
| 84 | SPT | CS |  |  |  |  | 1 |  |  |
| 85 | STC | EC |  |  |  |  |  | 1 |  |
| 86 | STI | EE |  |  |  |  |  |  | 1 |
| 87 | STM | ME |  |  |  | 1 |  |  |  |
| 88 | TCE | EE |  |  |  |  | 1 |  |  |
| 89 | TCT | EC |  |  |  |  |  | 1 |  |
| 90 | TEC | CS |  |  |  |  |  |  | , |
| 91 | TJE | EC |  |  |  | 1 |  |  |  |
| 92 | TKI | ME |  |  |  |  | 1 |  |  |
| 93 | TOC | FS |  |  |  |  |  | 1 |  |
| 94 | UKP | CE |  |  |  |  |  |  | 1 |
| 95 | UNT | EC |  |  |  | 1 |  |  |  |
| 96 | VAK | EE |  |  |  |  | 1 |  |  |
| 97 | VAS | EE |  |  |  |  |  | 1 |  |
| 98 | VIT | ME |  |  |  |  |  |  | 1 |
| 99 | VJC | ME |  |  |  | 1 |  |  |  |
| 100 | VKE | CE |  |  |  |  | 1 |  |  |
| 101 | VML | CE |  |  |  |  |  | 1 |  |
| 102 | VPE | EC |  |  |  |  |  |  | 1 |
| 103 | VVT | EC |  |  |  | 1 |  |  |  |
| 104 | YCE | CE |  |  |  |  | 1 |  |  |
| 105 | YCK | CE |  |  |  |  |  | 1 |  |
| 106 | ALR | AR |  |  |  |  |  |  | 1 |
| 107 | APR | AR |  |  |  | 1 |  |  |  |
| 108 | ASR | AR |  |  |  |  | 1 |  |  |
| 109 | AVR | AR |  |  |  |  |  | 1 |  |
| 110 | BJR | AR |  |  |  |  |  |  | 1 |
| 111 | DCR | AR |  |  |  | 1 |  |  |  |
| 112 | DGR | AR |  |  |  |  | 1 |  |  |
| 113 | EKR | AR |  |  |  |  |  | 1 |  |
| 114 | GIR | AR |  |  |  |  |  |  | 1 |
| 115 | HCA | AR |  |  |  | 1 |  |  |  |
| 116 | IER | AR |  |  |  |  | 1 |  |  |
| 117 | KMR | AR |  |  |  |  |  | 1 |  |
| 118 | KTR | AR |  |  |  |  |  |  | 1 |
| 119 | MCR | AR |  |  |  | 1 |  |  |  |
| 120 | MER | AR |  |  |  |  | 1 |  |  |
| 121 | MKR | AR |  |  |  |  |  | 1 |  |
| 122 | MLR | AR |  |  |  |  |  |  | 1 |
| 123 | MRR | AR |  |  |  | 1 |  |  |  |
| 124 | MTR | AR |  |  |  |  | 1 |  |  |
| 125 | NCR | AR |  |  |  |  |  | 1 |  |
| 126 | NMR | AR |  |  |  |  |  |  | 1 |
| 127 | NVR | AR |  |  |  | 1 |  |  |  |
| 128 | SCR | AR |  |  |  |  | 1 |  |  |
| 129 | SNR | AR |  |  |  |  |  | 1 |  |
| 130 | TER | AR |  |  |  | 1 |  |  | 1 |
| 131 | TIR | AR |  |  |  |  | 1 |  |  |
| 132 | TJR | AR |  |  |  |  |  | 1 |  |
| 133 | VVR | AR |  |  |  |  |  |  | 1 |
| TOTAL |  |  | 11 |  | 11 | 28 | 28 | 28 | 28 |

## CATEGORY CODES

| Code | Category | Code | Category |
| :---: | :--- | :---: | :--- |
| GI | Government of India nominees | SD | Serving Defence personnel |
| RQ | Reciprocal Quota | DK | Defence killed/missing/disabled |
| CC | NCC Quota | RP | CAPF |
| PI/ PT | Sports Quota | JW | Jews |
| XS | Children of Ex-service men | SG | Scouts and Guides |

# ANNEXURE - III (1) <br> COLLEGES UNDER MEDICAL STREAM 

(MBBS, BDS)
(See Clauses 1.7, 2, 2.5.2)

## 1. Government Medical Colleges (MBBS Code: MM)

| SI. No. | Code | College | University | ${ }^{*}$ Total Seats | Phone No. |
| :---: | :---: | :--- | :--- | :---: | :--- |
| 1 | ALP | T D Medical College, Alappuzha | KUHS | 175 | $0477-2282015,2282126$ |
| 2 | CMC | Govt. Medical College, Ernakulam | KUHS | 110 | $0484-2411460,2411461$ |
| 3 | KKM | Govt. Medical College, Kozhikode | KUHS | 250 | $0495-2355331,2350201$ |
| 4 | KLM | Govt. Medical College, Parippally, Kollam | KUHS | 110 | $0474-2572572$ |
| 5 | KNM | Govt. Medical College, Pariyaram, Kannur | KUHS | 100 | $0497-2808111,2808112$ |
| 6 | KTM | Govt. Medical College, Kottayam | KUHS | 175 | $0481-2597279,2597284$ |
| 7 | MLP | Govt. Medical College, Manjeri, Malappuram | KUHS | 110 | $0483-2766056$ |
| 8 | PKM | Govt. Medical College, Palakkad | KUHS | 100 | $0491-2000544$ |
| 9 | TCM | Govt. Medical College, Thrissur | KUHS | 175 | $0487-2201455,2200310$ |
| 10 | TVM | Govt. Medical College, Thiruvananthapuram | KUHS | 250 | $0471-2528386,2528383$ |

*Including EWS Quota seats sanctioned by MCI
Note: Seats available for mandatory reservation: See Clause 4.1.5

## 2. Private Self-financing Medical Colleges (MBBS Code: MM)

| SI. No. | Code | College | University | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1. | AAM | Al-Azar Medical College \& Superspeciality Hospital, Ezhalloor, Thodupuzha, Idukki | KUHS | 150 | 04862-223000 |
| 2. | AMC | Amala Institute of Medical Sciences, Amala Nagar, Thrissur | KUHS | 100 | 0487-2304000, 2304116 |
| 3. | AZC | Azeezia Institute of Medical Science and Research, Meyyannoor P O, Kollam | KUHS | 100 | 0474-2722425, 2722422 |
| 4. | BCM | Believers Church Medical College Hospital, Kuttapuzha, Thiruvalla | KUHS | 100 | 0469-2703118, 3023118 |
| 5. | DMM | DM Wayanad Institute of Medical Sciences, Kalpetta, Meppadi P.O., Wayanad. | KUHS | 150 | 04936-287000 |
| 6. | EMC | MES Medical College, Perinthalmanna, Malappuram | KUHS | 100 | 04933-298300 |
| 7. | GMC | Sree Gokulam Medical College \& Research Foundation, Venjaramoodu, Thiruvananthapuram | KUHS | 150 | 0472-3041000, 3041004 |
| 8. | JMC | Jubilee Mission Medical College \& Research Institute, Bisho Alappat Road, Thrissur | KUHS | 100 | 0487-2421885, 2432200 |
| 9. | KCM | KMCT Medical College, Mukkom, Kozhikode | KUHS | 150 | 0495-229350 |
| 10. | KDM | PK Das Institute of Medical Sciences, Vaniyam Kulam, Ottapalam, Palakkad. | KUHS | 150 | 0466-2344700 |
| 11. | KMM | Karuna Medical College, Vilayodi, Chittur, Palakkad | KUHS | 100 | 04923-221050, 299308 |
| 12. | MMC | Malankara Orthodox Syrian Church Medical College, Kolenchery, Ernakulam | KUHS | 100 | 0484-2764062, 3055530 |
| 13. | MMH | Malabar Medical College Hospital \& Research Centre, Modakkallur .P.O., Atholi, Kozhikode | KUHS | 150 | 0496-2701800, 2701666 |


| 14. | MZM | Mount Zion Medical College, Chayalode, Adoor, <br> Pathanamthitta | KUHS | 100 | $04734-241200$ |
| :---: | :---: | :--- | :---: | :---: | :---: |
| 15. | PMC | Pushpagiri Institute of Medical Science \& Research <br> Centre, Thiruvalla | KUHS | 100 | $0469-2733761,2600019$ |
| 16. | SIM | Sree Narayana Institute of Medical Sciences, <br> Chalakka, North Kuthiyathode P O, Ernakulam | KUHS | 100 | $0484-253024,2573023$ |
| 17. | SMC | Dr. Somervell Memorial CSI Medical College, <br> Karakonam, Thiruvananthapuram | KUHS | 100 | $0471-2250233,2250506$ |
| 18. | SUC | SUT Academy of Medical Sciences, Vattappara, <br> Thiruvananthapuram | KUHS | 100 | $0472-2587575,2587676$ |
| 19. | TRM | Travancore Medical College, Mylapore, <br> Umayanalloor P O, Kollam | KUHS | 100 | $0474-3069801,3069999$ |

4. Government Dental Colleges (BDS Code: MD)

| SI. No. | Code | College | University | Total Seats | Phone No. |
| :---: | :---: | :--- | :---: | :---: | :---: |
| 1 | ALD | Govt. Dental College, Alappuzha | KUHS | 50 | $0477-2280501,2280502$ |
| 2 | KKD | Govt. Dental College, Kozhikode | KUHS | 50 | $0495-2356781$ |
| 3 | KND | Govt. Dental College, Pariyaram, Kannur | KUHS | 60 | $0497-2808127,2808111$ |
| 4 | KTD | Govt. Dental College, Kottayam | KUHS | 40 | $0481-2594046$ |
| 5 | TCD | Govt. Dental College, Thrissur | KUHS | 50 | $0487-2206200$ |
| 6 | TVD | Govt. Dental College, Thiruvananthapuram | KUHS | 50 | $0471-2444092$ |

Note: Seats available for mandatory reservation: See Clause 4.1.5
5. Private Self-financing Dental Colleges (BDS Code: MD)

| SI. No. | Code | College | University | Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | AAD | Al-Azhar Dental College, Perumpillichira P O, Thodupuzha, Idukki | KUHS | 100 | 04862-224366 |
| 2 | ADC | Annoor Dental College, Puthuppady P O, Muvattupuzha, Ernakulam | KUHS | 50 | 0485-2815217, 2815817 |
| 3 | AID | Sree Anjaneya Institute of Dental Sciences, Modakkallur, Atholi, Kozhikode | KUHS | 100 | 0496-2701666, 2701667 |
| 4 | AZD | Azeezia College of Dental Sciences \& Research, Meeyyannoor, Kollam | KUHS | 100 | 0474-3069350, 3069353 |
| 5 | CDC | Century International Institute for Dental Sciences \& Research Centre, Poinachi, Kasargod. | KUHS | 100 | $\begin{aligned} & \hline 0499-4284877 \\ & 0499-4280100 \\ & \hline \end{aligned}$ |
| 6 | EID | Educare Institute of Dental Science, Kiliyamannil Campus, Chattiparamba, Malappuram | KUHS | 100 | 0483-2708353, 2705602 |
| 7 | IGD | Indira Gandhi Institute of Dental Sciences, Nellikuzhy P O, Kothamangalam, Ernakulam | KUHS | 100 | 0485-6451630, 6451631 |
| 8 | KAD | Kannur Dental College, Anjarakandy, Kannur | KUHS | 100 | 0497-2855010, 2856400 |
| 9 | KMD | KMCT Dental College, Kozhikode | KUHS | 100 | 0495-2290690, 2290693 |
| 10 | MBD | Mar Baselios Dental College, Kothamangalam, Ernakulam | KUHS | 60 | 0485-2828745, 2823986 |
| 11 | MED | MES Dental College, Perinthalmanna, Malappuram | KUHS | 100 | 0493-3258053 |
| 12 | MLD | Malabar Dental College and Research Centre, Chekanoor Road, Mudur P O, Edappal, Malappuram | KUHS | 100 | 0494-2697020, 2697021 |
| 13 | NID | Noorul Islam College of Dental Science, Aralummoodu, Neyyattinkara, Thiruvananthapuram | KUHS | 50 | 0471-2226515, 2226513 |
| 14 | PMD | Pushpagiri College of Dental Science, Thiruvalla | KUHS | 50 | 0469-2645210, 2645282 |
| 15 | PMS | PMS College of Dental Science \& Research, Vattappara, Thiruvananthapuram | KUHS | 100 | 0472-2587878, 2587979 |
| 16 | PSD | PSM College of Dental Science and Research, Akkikavu, Thrissur | KUHS | 100 | $\begin{aligned} & \hline 04885-289991, \\ & 99951888001 \\ & \hline \end{aligned}$ |
| 17 | RDC | Royal Dental College, Iron Hills, Chalissery P O, Palakkad | KUHS | 60 | 0466-2255131, 2255132 |
| 18 | SGD | St. Gregorios Dental College, Chelad P O, Kothamangalam, Ernakulam | KUHS | 40 | 0485-2572529, 2572530 |
| 19 | SVD | Sri Sankara Dental College, Akathumuri, Varkala, Thiruvananthapuram | KUHS | 100 | 0470-2795016, 3206245 |

The list is not final. The final list of courses/institutions will be published before the Centralised Allotment Process 2020.
Note: Allotment to all Colleges/Courses will be subject to approval of Central Regulatory Bodies / Government of India / Government of Kerala and Affiliation of the concerned University.

* Allotments from the State Rank List to Self- financing Colleges will be subject to Clauses 1.7 and 2.2

DESCRIPTION OF COURSE CODES

| SI. No. | Course Code | Name of Course | SI. No. | Course Code | Name of Course |
| :---: | :---: | :--- | :---: | :---: | :--- |
| 1 | AA | BSC. ( Hons. ) Agriculture | 7 | BU | B.U.M.S |
| 2 | AF | BFSc. | 8 | FR | BSc. (Hons. ) Forestry |
| 3 | AV | BVSc. \& AH | 9 | MD | B.D.S |
| 4 | BA | B.A.M.S | 10 | MM | M.B.B.S |
| 5 | BH | B.H.M.S | 11 | BP | B.Pharm |
| 6 | BS | B.S.M.S |  |  |  |

## ANNEXURE - III (2) <br> MEDICAL COURSES <br> SEATS UNDER ALL INDIA QUOTA, NOMINEES, SPECIAL RESERVATION CATEGORIES*

For MBBS \& BDS Courses
[See Clauses 2.1.1, 4.1.11(a), 4.1.11(b), 5.2]

| Quota |  |  | Govt. Medical Colleges (MBBS) |  |  |  |  |  |  |  |  |  |  | Govt. Dental Colleges (BDS) |  |  |  |  |  | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | TVM | ALP | KTM | TCM | KKM | MLP | CMC | PKM | KLM | KNM | Total | TVD | KTD | KKD | ALD | TCD | KND | Total |  |
| Ex-Servicemen Quota (XS) |  | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 6 |  |  |  | 1 |  |  | 1 | 7 |
| Defence Killed in Action (DK) |  | 1 |  | 1 | 1 |  | 1 | 1 |  |  |  | 5 |  | 1 |  |  |  |  | 1 | 6 |
| Serving Defence Quota (SD) |  |  | 1 |  |  | 1 |  |  |  |  |  | 2 |  |  | 1 |  |  |  | 1 | 3 |
| Jew Community (JW) |  |  |  |  |  |  |  | 1 |  |  |  | 1 |  |  |  | 1 |  |  | 1 | 2 |
| Holders of Degree in Ayurveda (DA) |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  | 7 |  |  |  |  |  |  |  | 7 |
| Holders of Degree in Homeopathy (DH) |  | 1 |  | 1 | 1 | 1 |  |  |  |  |  | 4 |  |  |  |  |  |  |  | 4 |
| Nurses Quota (NQ) |  | 1 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  | 1 |
| Sports Quota | Individual Event (PI) | 1 |  |  | 1 | 1 |  |  |  |  |  | 3 | 1 |  |  |  |  |  | 1 |  |
|  | Team Event (PT) |  | 1 | 1 |  |  | 1 | 1 |  |  |  | 4 |  |  | 1 |  |  |  | 1 |  |
| NCC Quota (CC) |  |  |  | 1 |  | 1 |  |  |  |  |  | 2 | 1 |  |  | 1 |  |  | 2 | 4 |
| *All India Quota |  | 37 | 26 | 26 | 26 | 37 | 16 | 17 | 15 | 16 | 15 | 231 | 8 | 6 | 8 | 7 | 7 | 9 | 45 | 276 |
| **EWS Quota |  | 42 | 21 | 21 | 21 |  | 8 | 9 |  | 8 |  | 130 |  |  |  |  |  |  |  | 130 |
| Government of India Nominees |  | 5 | 5 | 4 | 5 | 5 |  |  |  |  |  | 24 | 1 |  | 1 |  |  |  | 2 | 26 |
| Kerala origin settled in Union Territory of Andaman \& Nícobar Islands |  |  |  |  |  | 1 |  |  |  |  |  | 1 |  |  |  |  |  |  |  | 1 |
| Kerala origin settled in Lakshadeep |  |  |  |  |  | 1 |  |  |  |  |  | 1 |  |  |  |  |  |  |  | 1 |
| Jammu \& Kashmir Nominees |  | 1 |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  | 1 |
| TOTAL |  | 91 | 56 | 57 | 57 | 50 | 28 | 30 | 15 | 24 | 15 | 423 | 11 | 7 | 11 | 10 | 7 | 9 | 55 | 478 |

* Subject to change
** Supernumerary seats sanctioned by MCI
Note:- The seats reserved under Special Reservation Categories and Nominees will be fixed in the Colleges concerned except the seat reserved for Jammu \& Kashmir Nominee.


## ANNEXURE - III (3) <br> CATEGORIES OF CANDIDATE(S) ENTITLED TO CENTRAL GOVERNMENT RESERVED SEATS FOR ADMISSION TO MBBS / BDS COURSES AND THE AUTHORITIES CONCERNED <br> (See Clause 5.1)

| SI. No. | Category | Authority concerned |  |
| :---: | :--- | :--- | :--- |
| 1 | Students belonging to States / Union <br> Territories with no Medical / Dental College. | Health Secretary, <br> State/Union Territory Government. | Higher Education Secretary, <br> For students from Jammu \& Kashmir |
| 2 | Wards of Defence Personnel | Liaison Officer, Kendriya Sainik Board, Ministry of Defence, <br> West block - IV, Wing No. 5, R.K. Puram, New Delhi - 110 066 |  |
| 3 | Children of CAPF <br> (i) For CRPF/CISF/BSF/ITBP/NSG/SSB/AR <br> Personnel. | Ministry of Home Affairs, FP-I Section, <br> North Block, New Delhi - 110 001 |  |
|  | (ii) For SSB/B\&AN/SFF/APC Personnel. | Cabinet Secretariat; EA-II Section, Bikaner House (Annex), Shahjahan Road, <br> New Delhi - 110 011 |  |
| 4 | Children of India based Staff serving in Indian <br> Missions abroad. | Ministry of External Affairs, Welfare Cell, Akbar Bhavan, <br> Chanakyapuri, New Delhi - 110 021. |  |
| 5 | For meeting diplomatic / bilateral <br> commitments. | Ministry of External Affairs, Student Cell, Akbar Bhavan, <br> Chanakyapuri, New Delhi - 110 021. |  |
| 6 | Tibetan Refugees | Ministry of Human Resource Development, <br> Department of Education, UT-2 Section, A-2/W-4, <br> Curzon Road, Barracks, New Delhi-110 001 |  |
| 7 | National Bravery Award winning children. | Indian Council for Child Welfare, 4 - Deen Dayal <br> Upadhyay Marg, New Delhi - 110 002. |  |

## ANNEXURE - IV (1) <br> GOVERNMENT/AIDED HOMOEO MEDICAL COLLEGES COURSE : BHMS [CODE 'BH']

(See Clause 2.5.2)

| SI. No. | Code | Government Homoeopathic Medical Colleges | University | *Total Seats | Phone No. |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | KKH | Government Homoeopathic Medical College, Karaparamba P 0, Kozhikode-10 | KUHS | 63 | $\begin{gathered} 0495-2370883, \\ 2371989 \end{gathered}$ |
| 2 | TVH | Government Homoeopathic Medical College, Iranimuttam, Manacaud P O, Thiruvananthapuram-695009 | KUHS | 63 | 0471-2459459 |
| Aided Homoeopathic Medical Colleges |  |  |  |  |  |
| 3 | EKH | Dr. Padiyar Memorial Homoeopathic Medical College, Chottanikkara P O, Ernakulam | KUHS | 63 | $\begin{gathered} 0484-2711030, \\ 2712732 \end{gathered}$ |
| 4 | KTH | Athurasramam NSS Homoeopathic Medical College, Sachivothamapuram P O, Kottayam | KUHS | 63 | $\begin{gathered} 0481-2430729 \\ 2430362 \end{gathered}$ |
| 5 | NEH | Sree Vidhyadhiraja Homoeopathic Medical College, Nemom, Thiruvananthapuram | KUHS | 63 | $\begin{gathered} 0471-2391213 \\ 2395017 \end{gathered}$ |

* Including EWS Quota seats sanctioned by AYUSH.

Allotment to Homoeo Colleges will be made only on receipt of recognition from Central Council of Homoeopathy. The list is not final. The final list of Institutions will be published before the Centralized Allotment Process 2020.

ANNEXURE - IV (2)
HOMOEOPATHY (BHMS) DEGREE COURSE
SPECIAL RESERVATION SEATS IN HOMOEO MEDICAL COLLEGES
(See Clauses 4.1.12, 5.1, 5.2)

| SI. No. | Category |  | TVH | KKH | KTH | EKH | NEH | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Nominees of other States / Union Territories with no Medical/Dental Colleges |  | 1 | - | - | - |  | 1 |
| 2 | Lakshadweep nominee |  | - | 1 | - | - |  | 1 |
| 3 | Sports Quota | Individual Event (PI) |  | 1 | - | - |  | 2 |
|  |  | Team Event (PT) | 1 |  |  |  |  |  |
| 4 | NCC Quota (CC) |  | 1 | 1 | - | - |  | 2 |
| 5 | Ex-Service men Quota (XS) |  | 1 | - | - | - |  | 1 |
| 6 | Serving Defence Quota (SD) |  | 1 | - | - | - |  | 1 |
| 7 | Nurses/ Pharmacist Quota (Homoeo) (NH) |  | - | 1 | - | - |  | 1 |
| 8 | Management Quota |  | - | - | 7 | 8 | 8 | 23 |
| 9 | For MBBS / BAMS / BVSc \& AH / Agriculture / Fisheries / Forestry Degree holders. (OH) |  | 1 | - | - | - |  | 1 |
| 10 | All India Quota |  | 9 | 9 | 7 | 9 | 9 | 43 |
| 11 | *EWS Quota |  | 5 | 5 | - | 5 | 5 | 20 |
|  | Total |  | 20 | 18 | 14 | 22 | 22 | 96 |

*Supernumerary seats sanctioned by AYUSH
Note:- The seats reserved under Special Reservation Categories and Nominees will be fixed in the Colleges as shown above.

> ANNEXURE - $\mathrm{V}(1)$ AYURVEDA MEDICAL COLLEGES
(See Clause 2.5.2)

| SI.No. | Code | Government Ayurveda Colleges | University | *Total <br> Seats | Phone No |
| :---: | :---: | :--- | :---: | :---: | :--- |
| 1 | KNA | Government Ayurveda College, Medical College P O, <br> Pariyaram, Kannur- 670 503 | KUHS | 75 | $0497-2800167$, <br> 2801688 |
| 2 | TPA | Government Ayurveda College, Dhanwanthari Nagar, <br> Tripunithura, Ernakulam - 682 301 | KUHS | 63 | $0484-2777374$, <br> 2777496 |
| 3 | TVA | Government Ayurveda College, G P O, <br> Thiruvananthapuram-695 001 | KUHS | 88 | $0471-2460190$, <br> 2473656 |
| 4 | KTL | VPSV Ayurveda College, Edarikode P O, Kottakkal, <br> Malappuram | KUHS | 63 | $0483-2751851$, <br> 2751874 |
| 5 | OLR | Vaidyaretnam Ayurveda College, Thaikkattussery P.O., <br> Ollur, Thrissur | KUHS | 60 | $0487-2352503$, <br> 2357857 |

*Including EWS Quota seats sanctioned by AYUSH

| SI.No. | Code | Self-financing Ayurveda Colleges** | University | Total <br> Seats | Phone No |
| :---: | :---: | :--- | :--- | :--- | :--- |
| 1 | AHA | Ahalia Ayurveda Medical College, Elippara, Kozhipara, <br> Palakkad | KUHS | 60 | $0492-3235888$, <br> 3235901 |
| $\underline{2}$ | AST | Ashtamgam Ayurveda Chikilsalayam and Vidhyapeedham, <br> Palakkad | KUHS | 60 | $0466-2372000$ |
| 3 | MAM | Mannam Ayurveda Co-operative Medical College, <br> Pandalam, Pathanamthitta - 689 501 | KUHS | 60 | $0473-4252235$, <br> 4252247 |
| 4 | NGL | Nangelil Ayurveda Medical College, Nellikuzhy P O, <br> Kothamangalam, Ernakulam | KUHS | 60 | $0485-2851115$, <br> 2822032 |
| 5 | PKJ | Pankajakasthuri Ayurveda Medical College, <br> Kattakada P 0, Thiruvananthapuram | KUHS | 60 | $0471-2293808$, <br> 2295919 |
| 6 | PNA | PNNM Ayurveda Medical College, Cheruthuruthy P O, <br> Shoranur, Thrissur - 679531 | KUHS | 60 | $04884-264411$, <br> 264422 |


| 7 | PPA | PN Panicker Souhruda Ayurveda Medical College, <br> Parakalai P O, Anandhashram via, Kasargode | KUHS | 50 | $0467-2244700$, <br> 2244701 |
| :---: | :---: | :--- | :---: | :---: | :--- |
| 8 | PRK | M V R Ayurveda Medical College, Parassinikadavu P O, <br> Kannur- 670 563 | KUHS | 60 | $0497-2780250$, <br> 2783322 |
| 9 | SGA | Santhigiri Ayurveda Medical College, Olassery P O, <br> Kodumbu Via, Palakkad -678 551 | KUHS | 50 | $0491-2574343$, <br> 2574574 |
| 10 | SNA | Sree Narayana Institute of Ayurvedic Studies \& Research, <br> Karimpinpuzha P O, Pangode, Puthur, Kollam | KUHS | 60 | $0474-2417036$, <br> 2415020 |
| 11 | VSH | Vishnu Ayurveda College, Govt. Press P O, Shornur, <br> Palakkad | KUHS | 60 | $0466-2220555$, <br> 2221122 |

Allotment to Ayurveda Colleges will be made only on receipt of recognition from Central Council of Indigenous Medicine.
The list is not final. The final list of Institutions will be published before the Centralised Allotment Process 2020.
${ }^{* *}$ Allotments from the State Rank List to Self financing Colleges will be subject to Clauses 1.7 and 2.2

> ANNEXURE - V (2) AYURVEDA (BAMS) COURSE
> SPECIAL RESERVATION SEATS IN AYURVEDA MEDICAL COLLEGES
(See Clauses 4.1.13, 5.1, 5.2)

| SI. No. | Category |  | TVA | TPA | KNA | OLR | KTL | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Andaman Nicobar nominee |  | 1 | - | - | - | - | 1 |
| 2 | Lakshadeep nominee |  | - | 1 | - | - | - | 1 |
| 3 | Sports quota | Individual Event (PI) |  | - | 1 | - | - | 2 |
|  |  | Team Event (PT) | 1 |  |  |  |  |  |
| 4 | NCC quota (CC) |  | - | 1 | - | - | - | 1 |
| 5 | Ex-Servicemen Quota (XS) |  | 1 | - | - | - | - | 1 |
| 6 | Serving Defence quota (SD) |  | 1 | - | - | - | - | 1 |
| 7 | Management quota |  | - | - | - | 9 | 5 | 14 |
| 8 | Degree Holders (MBBS/BHMS/DHMS) (OA) |  | 1 | - | - | - | - | 1 |
| 9 | Nurses Quota (NY) |  | - | - | 1 | - | - | 1 |
| 10 | Nationals of Malaysia |  | 1 | 1 | - | - | - | 2 |
| 11 | Foreign Students |  | - | 2 | 2 | - | - | 4 |
| 12 | All India Quota |  | 13 | 10 | 11 | 9 | 10 | 53 |
| 13 | *EWS Quota |  | 7 | 5 | 6 |  | 5 | 23 |
|  | Total |  | 26 | 20 | 21 | 18 | 20 | 105 |

*Supernumerary seats sanctioned by AYUSH
Allotments from the State Rank List to Self financing Colleges will be subject to Clauses 1.7, 2.2 and Clause 5.2 (vii)
Note:- The seats reserved under Special Reservation Categories and Nominees will be fixed in the Colleges as shown above.

## ANNEXURE - VI (1) SIDDHA MEDICAL COLLEGE - COURSE : BSMS [CODE ‘BS'] <br> (See Clause 2.5.2)

| SI. No. | Code | Self financing Siddha Medical College* | University | Total <br> Seats | Phone No |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | SGS | Santhigiri Siddha Medical College, Santhigiri P O, | KUHS | 50 | $0471-$ <br> 6615501, <br> Pothencode Via, Thiruvananthapuram - 695584 |

* Allotments from the State Rank List to Self financing Colleges will be subject to Clauses 1.7 and 2.2

ANNEXURE - VI (2)
UNANI MEDICAL COLLEGE - COURSE : BUMS [CODE 'BU']
(See Clause 2.5.2)

| SI. No. | Code | Self financing Unani Medical College* | University | Total Seats | Phone No |
| :---: | :---: | :--- | :---: | :---: | :---: |
| 1 | MRU | Markaz Unani Medical College, Puthupadi P O, <br> Kozhikode-673586 | KUHS | 60 | $0495-2232000$ |

* Allotments from the State Rank List to Self financing Colleges will be subject to Clauses 1.7 and 2.2


## ANNEXURE - VI (2)(a) <br> ALL INDIA QUOTA SEATS IN SELF-FINANCING AYURVEDA/SIDDHA/UNANI MEDICAL COLLEGES

(See Clause 4.1.1(iii))

| Sl. <br> No. | Category | AHA | AST | MAM | NGL | PKJ | PNA | PPA | PRK | SGA | ANA | VSH | SGS | MRU |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | All India <br> Quota | 9 | $\mathbf{9}$ | $\mathbf{9}$ | $\mathbf{9}$ | $\mathbf{9}$ | $\mathbf{9}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{8}$ | $\mathbf{9}$ | $\mathbf{9}$ | $\mathbf{8}$ | $\mathbf{9}$ |

* Allotments from the State Rank List to Self financing Colleges will be subject to Clauses 1.7, 2.2 and Clause 5.2 (vii)

Note:- The seats reserved under Special Reservation Categories and Nominees will be fixed in the Colleges as shown above.

## PHARMACY COLLEGES - COURSE : B.PHARM [CODE 'BP']

(See Clause 2.9.2)

| SI. No. | Code | Govt. Pharmacy Colleges | University | Total Seats | Phone No |
| :---: | :---: | :--- | :---: | :---: | :---: |
| $\mathbf{1}$ | ALB | College of Pharmaceutical Sciences, Govt. Medical College, <br> Alappuzha | KUHS | 20 | $0477-282611$ |
| $\mathbf{2}$ | KKB | College of Pharmaceutical Sciences, Govt. Medical College, <br> Kozhikode | KUHS | 20 | $0495-2355331$ |
| $\mathbf{3}$ | KTB | College of Pharmaceutical Sciences, Govt. Medical College, <br> Kottayam | KUHS | 60 | $0481-2597279$ |
| $\mathbf{4}$ | TVB | College of Pharmaceutical Sciences, Govt. Medical College, <br> Thiruvananthapuram | KUHS | 60 | $0471-2528380$ |
| $\mathbf{5}$ | AMB | College of Pharmaceutical Sciences, Govt. Medical <br> College, Kannur | KUHS | 60 | $0491-288132$ |
| Self Financing Colleges under Centre for Professional \& Advanced Studies (CPAS) |  | 60 | $0481-6061014$ |  |  |
| $\mathbf{6}$ | DPB | Department of Pharmaceutical Science, Cheruvandoor, <br> Ettumanoor P O, Kottayam | KUHS | 60 | $0481-6061014$ |
| $\mathbf{7}$ | RIB | Department of Pharmaceutical Science, Puthuppally, <br> Kottayam | KUHS | 60 |  |

Private Self Financing Pharmacy Colleges

| 8 | AFB | AI Shifa College of Pharmacy, Poonthavanam P O, Kizhattur, Perinthalmanna, Malappuram | KUHS | 100 | $\begin{gathered} 04933-225293, \\ 271416 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 9 | AHB | Ahalia School of Pharmacy, Kozhipara, Palakkad | KUHS | 60 | 04923-207777 |
| 10 | CCB | Chemists College of Pharmaceutical Science \& Research, Varikoli, Puthencruz, Ernakulam | KUHS | 60 | $\begin{gathered} 0484-6455523, \\ 2255782 \end{gathered}$ |
| 11 | CRB | Crescent College of Pharmaceutical Sciences, Madayipara, Pazhayangadi, Kannur | KUHS | 60 | 0497-2875510 |
| 12 | DAB | Devaki Amma Memorial College of Pharmacy, Chelembra, Pulliparamba, Malappuram | KUHS | 60 | 0483-2891623 |
| 13 | DMB | DM WIMS College of Pharamcy, Wayanad | KUHS | 60 | 04936-287272 |
| 14 | DVB | The Dale View College of Pharmacy \& Research Centre, Punalal P O, Thiruvananthapuram | KUHS | 60 | $\begin{gathered} \hline 0472-2853763, \\ 2852394 \end{gathered}$ |
| 15 | ECB | Ezhuthachan College of Pharmaceutical Science, Marayamuttam, Neyyattinkara, Thiruvananthapuram | KUHS | 60 | $\begin{gathered} 0471-2278560, \\ 2278559 \end{gathered}$ |
| 16 | EPB | Elims College of Pharmacy, Elavanal Enclave, Kannanthodath Lane, Valanjambalam, Cochin-682016 | KUHS | 60 | 0487-2695395 |
| 17 | GCB | Grace College of Pharmacy, Kodunthirapully, Palakkad | KUHS | 60 | 0494-2508537 |
| 18 | JCB | St. James College of Pharmaceutical Sciences, River Bank, Chalakudy, Thrissur | KUHS | 60 | 0480-2710936 |
| 19 | JDB | JDT Islam College of Pharmacy, Marikunnu, Kozhikode | KUHS | 60 | $\begin{gathered} 0495-2731065, \\ 6539992 \end{gathered}$ |
| 20 | JSB | Jamia Salafiya Pharmacy College, Salafiya Gramam, Pulikkal, Malappuram | KUHS | 60 | $\begin{gathered} 0483-2790108, \\ 2791261 \end{gathered}$ |
| 21 | KMB | KMCT College of Pharmaceutical Sciences, Kalanthode, Kozhikode | KUHS | 60 | 0495-2288535 |
| 22 | KNB | College of Pharmacy, Kannur Medical College,Anjarakandy.P.O, Kannur | KUHS | 60 | $\begin{aligned} & \hline 0497-2855004 \\ & 0497-2856400 \\ & \hline \end{aligned}$ |


| 23 | KPB | K T N College of Pharmacy, Puliyanamkunnu, Chalavara P O, Ottappalam TK, Palakkad | KUHS | 60 | 0466-2289500 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 24 | KRB | Karuna College of Pharmacy, Thirumittacode, Pattambi, Palakkad | KUHS | 60 | 0466-2258100 |
| 25 | KVB | K V M College of Pharmacy, Kokkothamangalam, Cherthala, Alappuzha | KUHS | 60 | 0478-2811707 |
| 26 | MCB | Moulana College of Pharmacy, Near Railway Station, Angadippuram P O, Perinthalmanna, Malappuram | KUHS | 60 | 04933-228280 |
| 27 | MDB | Mar Dioscorus College of Pharmacy, Alathara, Sreekaryam, Thiruvananthapuram | KUHS | 60 | $\begin{gathered} \text { 0471-2396245, } \\ 2592728 \end{gathered}$ |
| 28 | MKB | Malik Deenar College of Pharmacy, Seethangoli, Bela P O, Kasaragod | KUHS | 60 | 04994-329440 |
| 29 | MMB | Mookambika College of Pharmaceutical Sciences and Research, Ettappilly, Mannathoor P O, Muvattupuzha, Ernakulam-686667 | KUHS | 60 | 0485-2877417 |
| 30 | MPB | Dr. Joseph Mar Thoma Institute of Pharmaceutical Sciences \& Research, Pallickal P O, Kattanam, Alappuzha | KUHS | 60 | 0479-3012345 |
| 31 | MZB | Mount Zion College of Pharmaceutical Science and Research, Adoor, Pathanamthitta | KUHS | 60 | 04734-243900 |
| 32 | NAB | Nazareth College of Pharmacy, Othera, Thiruvalla, Pathanamthitta | KUHS | 60 | $\begin{gathered} \hline 0469-2657546, \\ 2657292 \end{gathered}$ |
| 33 | NCB | Nehru College of Pharmacy, Pampady, Thiruvilwamala, Thrissur | KUHS | 100 | 04884-282070 |
| 34 | NEB | Nirmala College of Health Sciences, Kunnappilly P O, Meloor, Thrissur-680311 | KUHS | 60 | 0480-2737702 |
| 35 | NMB | Nirmala College of Pharmacy, Muvattupuzha, Ernakulam | KUHS | 60 | $\begin{gathered} \hline 0485-2836888, \\ 2830666 \end{gathered}$ |
| 36 | NPB | National College of Pharmacy, Manassery, Mukkam, Kozhikode | KUHS | 100 | 0495-2297440 |
| 37 | PCB | Pushpagiri College of Pharmacy, Perumthuruthy P O, Thiruvalla, Pathanamthitta | KUHS | 60 | $\begin{gathered} 0469-2645450, \\ 2645460 \end{gathered}$ |
| 38 | PPB | Prime College of Pharmacy, Erattayil, Palakkad | KUHS | 60 | 0491-2571117 |
| 39 | RGB | Rajiv Gandhi Institute of Pharmacy, Trikaripur, Hosdurg Taluk, Kasaragod | KUHS | 60 | 0467-2211988 |
| 40 | SCB | St. Joseph's College of Pharmacy, Cherthala, Alappuzha | KUHS | 60 | $\begin{gathered} \hline 0478-2810046, \\ 2821546 \\ \hline \end{gathered}$ |
| 41 | SJB | St. John's College of Pharmaceutical Sciences \& Research, Kattapana, Idukki-685515 | KUHS | 60 | 0486-8250209 |
| 42 | SPB | Sanjoe College of Pharmaceutical Studies, Kuzhalmannam, Palakkad | KUHS | 60 | 04922-274221 |
| 43 | SKP | Sreekrishna College of Pharmacy \& Research Centre, Parassala, Thiruvananthapuram | KUHS | 60 | $\begin{gathered} \hline \text { 0471-2204747, } \\ 2205757 \\ \hline \end{gathered}$ |
| 44 | TIB | Triveni Institute of Pharmacy, Kecheri, Thrissur | KUHS | 60 | 04885-242242 |

Allotments from the State Rank List to Self financing Colleges will be subject to Clauses 1.7 and 2.2
ANNEXURE VI(3)(a)
DISTRIBUTION OF SEATS FOR NOMINEES \& SPECIAL RESERVATION CATEGORIES* For B.Pharm Course
[See Clause 4.1.15]

| QUOTA | B.Pharm |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Government Colleges | TVB | KTB | KKB | ALB | Total |
| Sports Quota -Team Event (PT) |  | 1 |  |  | 1 |
| NCC Quota (CC) |  | 1 |  |  | 1 |
| Government of India Nominees | 1 |  | 1 | 1 | 3 |
| TOTAL | $\mathbf{1}$ | $\mathbf{2}$ | $\mathbf{1}$ | $\mathbf{1}$ | $\mathbf{5}$ |

[^0]
# ANNEXURE - VI (3) (b) <br> CATEGORIES OF CANDIDATE(S) ENTITLED TO CENTRAL GOVERNMENT RESERVED SEATS FOR ADMISSION TO B.PHARM DEGREE COURSE AND THE AUTHORITIES CONCERNED [See Clause 5.1] 

| SI. <br> No. | Category | Authority concerned |
| :---: | :--- | :--- |
| 1 | Students belonging to States / Union Territories | Health Secretary, <br> State/Union Territory Government. |
| 2 | Wards of Defence Personnel | Liaison Officer, Kendriya Sainik Board, Ministry of Defence, <br> West block - IV, Wing No. 5, R.K.Puram, New Delhi - 110 066 |
| 3 | Children of CAPF For <br> CRPF/CISF/BSF/ITBP/NSG/SSB/AR Personnel. | Ministry of Home Affairs, FP-I Section, North Block, <br> New Delhi - 110 001 |

ANNEXURE - VII (1)
SEATS FOR VARIOUS COURSES UNDER KERALA AGRICULTURAL UNIVERSITY
(See Clauses 2.3.2, 2.3.5, 2.6)

| $\begin{aligned} & \begin{array}{l} \text { Sl. } \\ \text { No. } \end{array} . \end{aligned}$ | Code | Name of College | No. of Seats* | Phone No. |
| :---: | :---: | :---: | :---: | :---: |
| MEDICAL STREAM (Agriculture) |  |  |  |  |
| Bachelor of Science in Agriculture - [BSc. ( Hons.) Agri] : [Course Code 'AA'] |  |  |  |  |
| 1 | COA | College of Agriculture, Vellayani P 0, Thiruvananthapuram - 695522 | 160 | 0471-2381002, 2381915 |
| 2 | COH | College of Horticulture, Vellanikkara, KAU P O, Thrissur - 680656 | 100 | 0487-2370822, 2370790 |
| 3 | CON | College of Agriculture, Padannakkad P O, Kasaragod - 671328 | 100 | 0467-2280616, 2282699 |
| 4 | COW | College of Agriculture, Ambalavayal, Wayand | 60 | 0493-6260421, 6260561 |
| Bachelor of Science in Forestry - BSc. (Hons.) Forestry : [Course Code 'FR'] |  |  |  |  |
| 1 | COR | College of Forestry, Vellanikkara, KAU P O, Thrissur - 680656 | 31 | 0487-2370050, 2371018 |
| ENGINEERING STREAM |  |  |  |  |
| Bachelor of Agricultural Engineering \&Technology [BTech (Agri. Engg)] : [Course Code 'AG'] |  |  |  |  |
| 1 | KCT | Kelappaji College of Agrl. Engg. \& Technology, Tavanur, Malappuram. | 50 | 04942686214 |
| Bachelor of Technology (Food Technology ) [B.Tech (Food Tech)] : [Course Code 'FT'] |  |  |  |  |
| 1 | KCT | Kelappaji College of Agrl. Engg. \& Technology, Tavanur, Malappuram. | 30 | 04942686214 |

## ANNEXURE - VII (2) <br> SEATS FOR COURSE UNDER KERALA VETERINARY \& ANIMAL SCIENCES UNIVERSITY

(See Clause 2.3.3, 2.7)

| Sl. <br> No. | Code | Name of College | No. of <br> Seats $^{*}$ | Phone No. |
| :---: | :---: | :--- | :---: | :---: |
| MEDICAL STREAM |  |  |  |  |
| Bachelor of Veterinary Science \& Animal Husbandry - [BVSc.\& AH] : [Course Code 'AV'] |  |  |  |  |
| 1 | TCV | College of Veterinary and Animal Sciences, Mannuthy P O, <br> Thrissur - 680651 | 100 | $0487-2370344$, <br> 2370451 |
| 2 | WYV | College of Veterinary and Animal Sciences, Lakkidi P O, Pookot, <br> Wayanad -673576 | 80 | $0493-6256380$, <br> 6256390 |


| ENGINEERING STREAM |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Bachelor of Technology (Dairy Technology) - [BTech (Dairy Tech)] : [Course Code 'DS'] |  |  |  |  |
| 1 | CDI | College of Dairy Sciences and Technology, Kolahalamedu, Idukki | 20 | 04869-296016 |
| 2 | CDT | College of Dairy Sciences and Technology, Mannuthy, Thrissur | 40 | 04872372861 |
| 3 | CDP | College of Dairy Science \& Technology, Pookode, Lakkidi P O, Wayanad | 20 | $\begin{gathered} 0493-6256380, \\ 6256390 \\ \hline \end{gathered}$ |
| 4 | CDV | College of Dairy Science \& Technology, Kaimanam, Thiruvananthapuram. | 20 | 04712-491288 |
| Bachelor of Technology (Food Technology) - [BTech (Food Technology)] : [Course Code 'FT'] |  |  |  |  |
| 1 | CFT | College of Food Technology, Thumburmuzhy, Chalakkudy, Thrissur | 20 | 0487-2748016 |

## ANNEXURE - VII (3)

SEATS FOR COURSE UNDER KERALA UNIVERSITY OF FISHERIES \& OCEAN STUDIES
(See Clause 2.3.4, 2.8)

| $\begin{aligned} & \text { SI. } \\ & \text { No. } \end{aligned}$ | Code | Name of College | No. of Seats* | Phone No. |
| :---: | :---: | :---: | :---: | :---: |
| Bachelor of Fisheries Science - [BFSc] : [Course Code 'AF'] |  |  |  |  |
| 1 | COF | School of Aqua Culture and Biotechnology, KUFOS , Panangad P O, Ernakulam - 682506 | 80 | 0484-2700598, 2703782 |
| Bachelor of Technology (Food Technology) [B.Tech (Food Technology)] : [Course Code 'FT'] |  |  |  |  |
| 1 | COU | School of Ocean Engineering and Underwater Technology, KUFOS, Panangad P O, Ernakulam - 682506 | 40 | 0484-2700598, 2703782 |

* Total seats including those under Nominations / Special Reservations.

ANNEXURE - VII (4)
COURSES UNDER KERALA AGRICULTURAL UNIVERSITY / KERALA VETERINARY \& ANIMAL SCIENCES UNIVERSITYI KERALA UNIVERSITY OF FISHERIES \& OCEAN STUDIES-SPECIAL RESERVATION SEATS IN VARIOUS COLLEGES
(See Clauses 4.1.14, 5.2)

| Category |  | $K A U$ |  |  |  |  |  |  | KVASU |  |  |  |  |  |  | KUFOS |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | BSc. ( Hons.) Agri |  |  |  |  | B. Tech |  | $B V S c$ \& AH |  | B. Tech |  |  |  |  | ¢ |  |
|  |  |  |  | Dairy Technology |  |  |  |  |  |  |  |  |
|  |  | COA | COH | CON | COW |  | COR | KCT | KCT | TCV | WYV | CDI | CDT | CDP | CDV | $C F$ $T$ | CO | COU |
| Open seats |  |  |  |  |  | 117 | 70 | 70 | 58 | 23 | 40 | 25 | 78 | 60 | 19 | 29 | 20 | 20 | 20 | 46 | 40 |
| ICAR \& VCI |  | 24 | 15 | 15 |  | 5 | 7 | 5 | 12 | 12 |  | 6 |  |  |  | 12 |  |
| Dairy Farm Instructors (DF) |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| Children of Agriculturist (Open) (CA) |  | 3 | 3 | 3 |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |
| Children of Agriculturist (SEBC) CA (CE) |  | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Children of Agriculturist (SC/ST) CA (CS) |  | 1 | 1 | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Children of Farm Labourers (LG/LV/LF) |  | 1 | 1 | 1 |  | 1 | 1 |  | 1 |  |  |  |  |  |  | 1 |  |
| Agricultural Assistant (AG) |  | 3 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VHSE (Agri.)/HSE (NSQF Agri stream) Holders (VA) |  | 2 | 2 | 2 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Diploma holders in Agricultural Science DIP(A) - (DG) |  | 4 | 3 | 3 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| VHSE (Livestock Management)/HSE (Dairy Farmer Entrepreneur course) (LK) |  |  |  |  |  |  |  |  | 2 | 1 |  |  |  |  |  |  |  |
| Diploma holders (Laboratory Techniques \& Poultry Production programmes) (DP) |  |  |  |  |  |  |  |  | 1 | 2 |  |  |  |  |  |  |  |
| Sports Quota | Individual Event (PI) |  | 1 | 1 |  |  | 1 |  | 1 |  |  | 1 |  |  |  |  |  |
|  | Team Event) (PT) | 1 |  |  |  | 1 |  |  |  |  |  |  |  |  |  | 1 |  |
| Jews (JW) |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  | 1 |  |
| Livestock Inspectors (LS) |  |  |  |  |  |  |  |  | 1 | 1 |  |  |  |  |  |  |  |
| Farm Assistant (Veterinary) (FV) |  |  |  |  |  |  |  |  |  | 1 |  |  |  |  |  |  |  |
| Seats for Children of fishermen(CF) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 16 |  |
| NCC Quota (CC) |  |  |  |  | 1 |  |  |  | 1 |  |  |  |  |  |  |  |  |
| Andaman \& Nicobar nominees(A\&N) |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Lakshadeep nominees (LD) |  | 1 | 1 | 1 |  | 1 |  |  | 1 | 1 |  |  |  |  |  | 2 |  |
| Meghalaya origin (B.Tech - DSC) (MO) |  |  |  |  |  |  |  |  |  |  |  | 2 |  |  |  |  |  |
| Children of Serving Defence Personnel (SD) |  |  |  | 1 |  |  | 1 |  |  | 1 |  |  |  |  |  |  |  |
| Defence Killed/Missing/Disabled in action (DK) |  | 1 |  |  |  |  |  |  | 1 |  |  |  |  |  |  | 1 |  |
| Ex-service men Quota (XS) |  |  |  |  | 1 |  |  |  |  |  |  |  |  |  |  |  |  |
| Grand Total |  | 160 | 100 | 100 | 60 | 31 | 50 | 30 | 100 | 80 | 20 | 40 | 20 | 20 | 20 | 80 | 40 |

## LIST OF SCHEDULED CASTES (SC)

[As Amended by The Constitution (Scheduled Castes) Orders (Second Amendment) Act, 2002 (Act 61 of 2002) Vide Part VIII Kerala - Schedule 1 Notified in the Gazette of India dated 18.12.2002, The Constitution (Scheduled Castes) Order (Amendment) Act 2007, The Constitution (Scheduled Castes) Order (Amendment) Act 2016, No. 24 of 2016]
[See Clause 5.4.3 (a)]

| 1 | Adi Andhra | 37 | Mannan (ロறை๐กช), Pathiyan, Perumannan, |
| :---: | :---: | :---: | :---: |
| 2 | Adi Dravida |  | Peruvannan, Vannan, Velan |
| 3 | Adi Karnataka | 38 | xxx |
| 4 | Ajila | 39 | Moger (other than Mogeyar) |
| 5 | Arunthathiyar | 40 | Mundala |
| 6 | Ayyanavar | 41 | Nalakeyava |
| 7 | Baira | 42 | Nalkadaya |
| 8 | Bakuda | 43 | Nayadi |
| 9 | xxx | 44 | xxx |
| 10 | Bathada | 45 | Pallan |
| 11 | xxx | 46 | Palluvan, Pulluvan |
| 12 | Bharathar (Other than Parathar), Paravan | 47 | Pambada |
| 13 | xxx | 48 | Panan |
| 14 | Chakkiliyan | 49 | xxx |
| 15 | Chamar, Muchi | 50 | Paraiyan, Parayan, Sambavar, Sambavan, |
| 16 | Chandala |  | Sambava, Paraya, Paraiya, Parayar |
| 17 | Cheruman | 51 | xxx |
| 18 | Domban | 52 | xxx |
| 19 | xxx | 53 | xxx |
| 20 | xxx | 54 | Pulayan, Cheramar, Pulaya, Pulayar, Cherama, Cheraman, Wayanad Pulayan, Wayanadan |
| 21 | xxx |  | Pulayan, Matha, Matha Pulayan |
| 22 | Gosangi | 55 | xxx |
| 23 | Hasla | 56 | Puthirai Vannan |
| 24 | Holeya | 57 | Raneyar |
| 25 | Kadaiyan | 58 | Samagara |
| 26 | Kakkalan, Kakkan | 59 | Samban |
| 27 | Kalladi | 60 | Semman, Chemman, Chemmar |
| 28 | Kanakkan, Padanna, Padannan | 61 | Thandan (excluding Ezhuvas and Thiyyas who are |
| 29 | xxx |  | known as Thandan, in the erstwhile Cochin and |
| 30 | Kavara (other than Telugu speaking or Tamil speaking Balija Kavarai, Gavara, Gavarai, Gavarai Naidu, Balija Naidu, Gajalu Balija or Valai Chetty) | 62 | Malabar areas) and (Carpenters who are known as Thachan, in the erstwhile Cochin and Travancore State) Thachar (Other than carpenters) Thoti |
| 31 | Koosa | 63 | Vallon |
| 32 | Kootan, Koodan | 64 | Valluvan |
| 33 | Kudumban | 65 | xxx |
| 34 | Kuravan, Sidhanar, Kuravar, Kurava, Sidhana | 66 | xxx |
| 35 | Maila | 67 | Vetan |
| 36 | Malayan [In the areas comprising the Kannur, Kasaragode, Kozhikode and Wayanad Districts]. | 68 | Vettuvan, Pulaya Vettuvan (in the areas of erstwhile Cochin State only). |
|  |  | 69 | Nerian |

## ANNEXURE-IX <br> LIST OF SCHEDULED TRIBES (ST)

[As Amended by The Scheduled Castes and Scheduled Tribes Orders (Amendment) Act, 2002 (Act 10 of 2003) Vide Part - VII Kerala - Second Schedule Notified in the Gazette of India dated 8.1.2003, G.O. (Ms) No. 06/2014/SCSTDD dated 29.01.2014]

## [See Clause 5.4.3 (a)]

```
Adiyan
Arandan [Arandanan]
Eravallan
Hill Pulaya, Mala Pulayan, Kurumba Pulayan,
Kuravazhi Pulayan, Pamba Pulayan
Irular, Irulan
Kadar [Wayanad Kadar]
xxx
Kanikkaran, Kanikkar
Kattunayakan
[Kochuvelan]
xxx
xxx
Koraga
xxx
Kudiya, Melakudi
Kurichchan [Kurichiyan]
Kurumans, Mullu Kuruman, Mulla Kuruman,
Mala Kuruman
Kurumbas, [Kurumbar, Kurumban]
Maha Malasar
Malai Arayan [Mala Arayan]
Malai Pandaram
Malai Vedan [Malavedan]
Malakkuravan
```


## ANNEXURE - X

LIST OF OTHER ELIGIBLE COMMUNITIES (OEC)
[GO (Ms) No.14/2017/BCDD dated: 02.08.2017, GO (Ms)No.7/2013/BCDD dated 19.07.2013, See Clause 5.4.3 (f)]

## OEC (ST)

Allar (Alan)
Chingathan
Irivavan
Kalanadi
Malayan, Konga-Malayan(Kasargod, Kannur, Wayanad and Kozhikode Districts)
Kundu-Vadiyan
7 Kunnuvarmannadi
8 Malamuthan
Malavettuvar (Except Kasargod and Kannur Districts)

10 Malayalar
11 Panimalayan
12 Pathiyan (other than Dhobies)
13 Hindu-Malayali

## OEC (SC)

1 Chakkamar
2 Madiga
3 Chemman/Chemmar
4 Kudumbi
Dheevara/Dheevaran (Arayan, Valan, Nulayan,
5 Mukkuvan, Arayavathi, Valanchiyar, Paniyakal, Mokaya, Bovi, Mogayar, Mogaveerar)
6 Scheduled Caste converted to Christianity
7 Kusavan, Kulalan, Kumbharan, Velaan, Velaar, Odan, Andhra Nair, Andhuru Nair,
8 Pulaya Vettuvan (Except Kochi State)

## ANNEXURE - X (a)

LIST OF COMMUNITIES ELIGIBLE FOR EDUCATIONAL CONCESSIONS AS IS GIVEN TO OEC
[G.O.(Ms) No. 10/2014/BCDD dated: 23.05.2014] [See Clause 5.4.3 (h)]

Vaniya (Vanika, Vanika Vaisya, Vanibha Chetty, Vaniya Chetty, Ayiravar, Nagarathar and Vaniyan
Veluthedathu Nair (Veluthedan and Vannathan)
Chetty/Chetties (Kottar Chetties, Parakka Chetties, Elur Chetties, Attingal Chetties, Pudukkada Chetties, Iraniel Chetties, Sri Pandara Cetties, Telugu Chetties, Udiyankulangara Chetties, Peroorkada Chetties, Sadhu Chetties, 24 Mana Chetties, Wayanadan Chetties, Kalavara Chetties and 24 Mana Telugu Chetties
Ezhavathi (Vathy)
Ganika
Kanisu or Kaniyar Panicker, Kani or Kaniyan (Ganaka) or Kanisan or Kamnan, Kalari Kurup/Kalari Panicker
Vilkurup, Perumkollan
Yadavas (Kolaya, Ayar, Mayar, Maniyani and Iruman), Erumakkar
Devanga
Pattariyas
Saliyas (Chaliya, Chaliyan)
Pandithar
Vaniar
Ezhuthachan
Chakkala/Chakkala Nair
Reddiars (throughout the State except in Malabar Area)
Kavuthiya
Veerasaiva (Yogi, Yogeeswara, Poopandram, Malapandaram, Jangam, Matapathi, Pandaram, Pandaran, Vairavi, Vairagi)
Vilakkithala Nair - Vilakkithalavan
Vaduka - Vadukan, Vadugar, Vaduka, Vaduvan
Chavalakkaran
Agasa
Kaikolan
Kannadiyans
Kerala Mudalis
Madivala
Naikkans
Tholkolans
Thottian
Mooppar or Kallan Moopan or Kallan Moopar

## ANNEXURE - XI <br> LIST OF SOCIALLY AND EDUCATIONALLY BACKWARD CLASSES (SEBC)

[Vide G.O. (P) 208/66/Edn. dated 02.05.1966, G.O. (Ms) No. 95/08/SCSTDD dated 06.10.2008 \& G.O. (Ms) No. 58/2012/SCSTDD dated 16.04.2012, G.O.(Ms) No. 10/2014/BCDD dated: 23.05.2014, Lr No. 1538/A2/2014/BCDD dated 02.07.2014, G.O.(Ms) No.03/2018/BCDD dated: 09.04.2018]
[See Clause 5.4.2 (a)]
I. Ezhavas including Ezhavas, Thiyyas, Ishuvan, Izhuvan, Illuvan and Billava
II. Muslims (all sections following Islam)
III. Latin Catholics and Anglo Indians
IV. Dheevara including Dheevaran, Araya,Arayas, Arayan, Valan, Nulayan, Mukkuvan, Arayavathi, Valinjiar, Paniakkal, Paniakel, Mukaya, BovisMukayar, Mukaveeran, Mogaveera, Mogavirar,Mogayan
V. Viswakarmas including Viswakarma, Asari, Chaptegra, Kallassari, Kalthachan, Kammala, Kamsala, Kannan, Karuvan, Kitaran, Kollan, Malayala Kammala, Moosari, Pandikammala, Pandithattan, Perumkollan, Thachan, Thattan, Vilkurup, Villasan, Viswabrahmanan or Viswabrahmanar, Viswakarmala and Palisa Perumkollan
VI. Kusavan including Kulalan, Kulala Nair, Kumbaran, Velaan, Velaans, Velaar, Odan, Kulala, Andhra Nair, Anthuru Nair
VII. Other Backward Christians
(a) SIUC
(b) Converts from Scheduled Castes to Christianity
VIII. Kudumbi
IX. Other Backward Hindus, i.e.

1. Agasa
2. Kharvi
3. Aremahrati
4. Arya, Atagara, Devanga, Kaikolan, (Sengunthar) Pattarya, Pattariyas, Saliyas (Padmasali, Pattusali, Thogatta, Karanibhakatula, Senapathula, Sali, Sale, Karikalabhakulu, Chaliya, Chaliyan) Sourashtra, Khatri, Patnukaran, Illathu Pillai, Illa Vellalar, Illathar
5. Bestha
6. Bhandari or Bhondari
7. Boya
8. Boyan
9. Chavalakkaran
10. Chakkala (Chakkala Nair)
11. Devadiga
12. Ezhavathi (Vathi)
13. Ezhuthachan, Kadupattan
14. Gudigara
15. Galada Konkani
16. Ganjam Reddies
17. Gatti
18. Gowda
19. Ganika including Nagavamsom
20. Hegde
21. Hindu Nadar
22. Idiga including Settibalija
23. Jangam
24. Jogi
25. Jhetty
26. Kanisu or Kaniyar-Panicker, Kaniyan, Kanisan or Kamnan, Kannian or Kani,

Ganaka
27. Xxx
28. Kalarikurup or Kalari Panicker
29. Kerala Muthali, Kerala Mudalis
30. Oudan (Donga) Odda (Vodde or Vadde or Veddai)
31. Kalavanthula
32. Kallan including Isanattu Kallar
33. Kabera
34. Korachas
35. xxx
36. Kannadiyans
37. Kavuthiyan, Kavuthiya
38. Kavudiyaru
39. Kelasi or Kalasi Panicker
40. Koppala Velamas
41. Krishnanvaka
42. Kuruba
43. Kurumba
44. Maravan (Maravar)
45. Madivala
46. Maruthuvar
47. Mahratta (Non-Brahman)
48. Melakudi (Kudiyan)
49. xxx
50. Moili
51. Mukhari
52. Modibanda
53. Moovari
54. Moniagar
55. Naicken including Tholuva Naicker and Vettilakkara Naicker, Naikkans
56. Padyachi (Villayankuppam)
57. Palli
58. Panniyar or Pannayar
59. Parkavakulam (Surithiman, Malayaman, Nathaman, Moopanar and Nainar)
60. Rajapuri
61. Sakravar (Kavathi)
62. Senaithalaivar, Elavania, Senaikudayam
63. Chetty/Chetties including Kottar Chetties, Parakka Chetties, Elur Chetties, Attingal Chetties, Pudukkada Chetties, Iraniel Chetties, Sri Pandara Chetties, Telugu Chetties, Udiyankulangara Chetties, Peroorkada Chetties,Sadhu Chetties, 24 Mana Chetties, Wayanadan Chetties, Kalavara Chetties and 24 Mana Telugu Chetties
64. Tholkolan
65. Thottiyan, Thottian
66. Uppara (Sagara)
67. Ural Goundan
68. Valaiyan
69. Vada Balija
70. Vakkaliga
71. Vaduvan(Vadugan), Vaduka, Vadukan, Vadugar
72. Veera Saivas (Pandaram, Vairavi, Vairagi, Yogeeswar, Yogeeswara, Poopandaram, Malapandaram, Pandaran, Matapathi and Yogi)
73. Veluthedathu Nair including Vannathan, Veluthedan and Rajaka
74. Vilakkithala Nair including Vilakkathalavan, Ambattan Pranopakari, Pandithar and Nusuvan
75. Vaniya including Vanika, Vanika Vaisya, Vaisya Chetty, Vanibha Chetty, Ayiravar Nagarathar, Vaniyan, Vaniya Chetty, Vaniar
76. Yadava including Kolaya, Ayar, Mayar, Maniyani, Eruman, Iruman, Erumakkar, Golla and Kolaries
77. Chakkamar
78. Mogers of Kasaragod Taluk
79. xxx
80. $x x x$
81. $x x x$
82. Reddiars (throughout the State except in Malabar area)
83. Mooppar or Kallan Moopan or Kallan Moopar

## ANNEXURE - XII <br> GUIDELINES FOR THE ISSUE OF THE "CERTIFICATE SHOWING SCHOOL STUDIES IN KERALA FROM STDS. VIII TO XII" BY THE HEAD(S) OF THE EDUCATIONAL INSTITUTIONS

[See Clauses 6.1.1 (b) (iii) ]

1. A "Certificate showing School Studies in Kerala from Standards VIII to XII" issued by the Head of educational institutions in Kerala is prescribed as one of the certificates to prove the eligibility regarding the nativity of candidates applying for admission to Engineering / Medical \& Allied / Architecture/Pharmacy courses in Kerala State.
2. The Certificate is to be issued by the heads of the institutions (schools) where the applicant has completed his/her studies in Standard XII.
3. The Head of the school (last attended by the candidate) may rely on the school records/certificates for this purpose making sure that the candidate has undergone his/her studies in Kerala itself in all the classes from Standards VIII to XII. In case of doubt, the Heads of the schools may direct the candidate to obtain necessary proof of the same from the schools attended formerly.
4. In any case the Heads of schools should make sure that the candidate has undergone his/her studies for 5 years from Standards VIII to XII in the schools in Kerala, before the Certificate is issued to the candidate in the prescribed proforma.

## ANNEXURE - XIII (a) <br> CERTIFICATE FOR CLAIMING SPECIAL RESERVATION UNDER QUOTA FOR EX-SERVICEMEN (XS) / DEPENDENT OF DEFENCE PERSONNEL KILLED / MISSING / DISABLED IN ACTION (DK) / DIED-IN-HARNESS (HR) <br> (See Clauses 5.2.1, 5.2.2)

Certified that Master/Kum
an applicant for admission to the Professional Degree Courses, Kerala 2020, is the son/daughter/widow* of Shri/Smt
(Official address) who is/was an ex-serviceman / defence personnel killed / missing / disabled in action and is/was in receipt of Disability Pension / died-in-harness* and that no one else in the family of the applicant has earlier enjoyed the special reservation benefit applicable to them, for admission to Professional Degree Courses in Kerala.

|  | Signature of Military Authority / |
| :--- | :--- |
| Place : | State / Zilla Sainik Welfare Officer |
| Date : | Name |

(Office Seal)
*Strike whichever is not applicable.

## ANNEXURE - XIII (b) <br> CERTIFICATE FOR CLAIM OF SPECIAL RESERVATION <br> UNDER QUOTA FOR CHILDREN OF SERVING DEFENCE PERSONNEL (SD) / PARA MILITARY FORCE PERSONNEL (RP)

(See Clauses 5.2.3 \& 5.2.4)

Certified that Master/Kum
an applicant for admission to the Professional Degree Courses, Kerala 2020 is the son/daughter* of Shri/Smt
(Official address) who
is a serving defence / paramilitary force* personnel presently working at $\qquad$ Signature of Commanding Officer
Place : Name
Date :
(Office Seal)

[^1]ANNEXURE - XIV (a)<br>[PROFORMA OF THE CERTIFICATES TO BE PRODUCED FOR CLAIM OF RESERVATION<br>FOR CANDIDATES IN GOVT. SERVICE]<br>SERVICE CERTIFICATE<br>FOR CLAIM OF SPECIAL RESERVATION UNDER CATEGORIES NQ<br>[See Clauses 5.2.10 (i)]

Certified that Shri/Smt $\qquad$
official address) an applicant for admission to the Professional Degree Courses, Kerala 2020 is working as Staff Nurse with B.Sc Nursing qualification/ Staff Nurse with General Nurse and Midwifery qualification/JPHN* and is a regular employee in Kerala State Government Service.

```
Place : Signature of Issuing Authority
    (Office Seal)
```

*(Strike whichever is not applicable)

# ANNEXURE - XIV (b) <br> [PROFORMA OF THE CERTIFICATES TO BE PRODUCED FOR CLAIM OF RESERVATION FOR CANDIDATES IN GOVT. SERVICE] <br> SERVICE CERTIFICATE 

FOR CLAIM OF SPECIAL RESERVATION UNDER CATEGORIES NH / NY IAG/LS/FV/DF
[See Clauses 5.2.10 (ii) \& (iii), 5.2.15(i) \& (ii)]
Certified that Shri/Smt $\qquad$
$\qquad$
\& official address) an applicant for admission to the Professional Degree Courses, Kerala 2020 is working as $\qquad$ for a continuous period of $\qquad$ years and is a regular employee in Kerala State Government Service. His/Her date of joining in the service is $\qquad$

> | ANNEXURE - XV |
| :---: |
| INTER-CASTE MARRIAGE CERTIFICATE |
| FOR SON / DAUGHTER OF INTER-CASTE MARRIED COUPLES OF WHOM ONE IS SC/ST |

[See Clauses 5.4.2 (d), 7.2.1 (a), 7.5.1(c)]
Certified that Master/Kum an applicant for admission to Professional Degree Courses, Kerala 2020, is the son/daughter of an Inter-caste married couple, and his/her father Shri $\qquad$ belongs to $\qquad$ Community and his/her mother Smt. belongs to ........................................ Community.

Place :
Signature of Tahasildar :
Date :
Name of Tahasildar:
Name of Taluk :
(Office Seal)

# ANNEXURE - XVI <br> INCOME CERTIFICATE FOR CLAIMING THE SEATS RESERVED FOR THE CHILDREN OF AGRICULTURIST (CA)/ FISHERMEN (CF) 

## 

$100 \%$.







10

03

$\mathrm{O}_{3}$

03


03

18
லூறெ
10
ロ๐(ேை)
(.
(ดரைழிண் வృசைைコகளஸ๐)
๑ைைฺிண8:
$\qquad$
 $\qquad$




тиело:
ตிळாา :





## ANNEXURE - XVII <br> PHYSICAL FITNESS CERTIFICATES

(a). CERTIFICATE OF PHYSICAL STANDARDS / FITNESS FOR ADMISSION TO BSc.( Hons.) FORESTRY COURSE
[See Clause 13.4 (d) \& (g)]
Signature of candidate

I, Dr. $\qquad$ after careful personal examination of the case do hereby certify that Sri/Kum $\qquad$ whose signature is given above is having the following physical standards:


He/She is found physically fit to undergo education.

Signature
Name
Reg. No.
Place :
Designation :

Date
(b). PHYSICAL FITNESS CERTIFICATE

FOR ADMISSION TO ENGINEERING / MEDICAL \& ALLIED COURSES
[Other than BSc.( Hons.) Forestry course]
[See Clause 13.4 (g)]

Signature of candidate

I, Dr. $\qquad$ after careful personal examination of the case
do hereby certify that Sri/Kum. $\qquad$ whose signature is given above is found physically fit to undergo professional education.

His/Her height $\qquad$ weight $\qquad$ chest $\qquad$ and vision $\qquad$

## Name

Place :
Reg. No.
Date : Designation :

# ANNEXURE - XVIII (i) <br> GUIDELINES FOR THE ASSESSMENT OF INCOME FOR THE PURPOSE OF ISSUING INCOME CERTIFICATE 

[See Clause 5.4.4]

## (1) Different purposes of Income Certificate:

(a) for availing fee concession in Education Institution.
(b) for securing seats in the quota reserved in professional colleges for the Socially and Economically Backward classes.
(c) for obtaining loans from Government Departments, Kerala Financial Corporation etc. for various purposes.
(d) for getting different kinds of pension such as Old Age Pension, Widow Pension, Agricultural Labourers Pension, Pension for T.B Patients, Leprosy Patients, Cancer Patients etc.
(e) for getting financial aid available to the Ex-Servicemen.
(f) for getting the loan available to the SC/ST for different purposes.
(g) for getting the relief given to the victims of natural calamities.
(h) for getting the artificial limb, cycle, etc., supplied to the physically handicapped persons.
(i) for getting free ration etc.
(2) Definition :
(a) Family :-

For assessing the income of the family, the term of family would mean a family consisting of
(1) Applicant
(2) Parents/Guardian
(3) Unmarried brothers and sisters/ dependant unmarried sons and daughters living together in the same house, widowed daughters actually dependant on the family.
(4) Spouse of the candidate.
(b) Income :-

Income would mean the regular income actually earned by the family members. Income of unmarried daughters and unmarried brothers and sisters as the case may be should be reckoned for calculating family income.

Income of the members of the family living together alone need be reckoned.

## Exceptions

(1) Income of widow's daughter/ sister will be excluded.
(2) Terminal benefits will be excluded.
(3) Surrender leave salary will not be reckoned.
(4) Festival allowance will not be reckoned.
(5) Family pension will be excluded.

## (3) Different sources of income for the purpose of Income Certificate :

(i) Income from salary:

Salary income excluding H.R.A., Special pay, Deputation Pay/Allowances etc., will be reckoned for calculating total income. T.A., P.T.A., honorarium for special work etc. will be excluded for calculating salary income. D.A will be included for calculating total income.
(ii) Income from pension:

The amount excluding the amount of commutation will be taken into account for the purpose of Income Certificate. The pension will be assessed on the basis of the Pension Payment Order.
(iii) Income from business:

This can be assessed on the basis of Income Tax Certificate. In the cases of non-assesses the Income Certificate will be issued on the basis of declaration filed by the persons concerned. In the case of nonassesses Income Certificate shall be issued on the basis of the declaration filed by the applicant/parent/or guardian in the case of students.
(iv) Income of persons employed abroad shall be assessed on the basis of the declaration filed by the applicant / parent or guardian in the case of students.
(v) Income of daily labourers:

Income Certificate shall be issued on the basis of the declaration filed by the applicant/ parent or guardian in the case of student.
(vi) Income from property:

The income from property will include the income from produce viz. coconut etc., value of improvements on landed property will be calculated on the basis of the principles adopted for the purpose of land acquisition.

## (vii) Income from rented buildings:

Income on this account will be calculated deducting the annual maintenance charges.

## (4) Assessment of income of the family having more members :

When there are more members in a family, the income available for distribution will be less compared to a family having lesser number of members. In such cases an allowance will be given to each member in excess of five. For example if there are five members in a family, three children and parents, the income from all members should be taken into account for computing family income. If the number exceeds five, an allowance will be given to each additional child. The amount of such allowance ( to be decided ) should be deducted from the total annual income of the family for the purpose of Income Certificate.

## (5) Variation of super checking :

There may be variation between the income assessed by the Village Officer and that arrived at by higher officers on super checking. $10 \%$ or less of such variation can be allowed.
(6) Period of validity :

Normally a Certificate issued to a person for a particular purpose should be binding for a period of two years or for the term of the course.

## (7) Cancellation of false Certificates :

The certificates obtained fraudulently, that is by willfully suppressing the actual income or willfully giving false income, will be cancelled.
(8) Authority :

The Village Officer shall be the authority to issue Income Certificate that is required to be produce before the State Government Department or Authorities. In the case of certificate required to be produced before the Central Government Departments the Tahsildar shall be the authority to issue the Income Certificate.

The Tahsildar shall be the Appellate Authority to entertain the appeal if any against the income assessed by the Village Officer. The Revenue Divisional Officer/Deputy Collector shall be the Revisional Authority. Appeal against the income assessed by the Tahsildar shall be preferred before the Revenue Divisional Officer/Deputy Collector. The Collector shall be the Revisional Authority in that case.

## (9) Co-ordinating Department :

The Revenue Department in the Secretariat shall be the Co-ordinating department in respect of the issuance of guidelines/instructions relating to the grant of the Income Certificate, by Village Officer/Tahsildar. The Revenue Department shall be consulted if and when any event/instructions are proposed to be issued in the matter by other departments.

The Application of Income Certificate shall be in the prescribed form, duly affixing Court Fee stamp worth Rs.1/-

The Income Certificate shall be issued in the form, prescribed by the Revenue Department.

# ANNEXURE - XVIII (ii) 

## Norms for selection of candidates for admission to Professional Courses under Sports Quota for which seats are reserved for sports persons <br> (G.O.(Rt)No.51/2019/S\&YA, dated 07.03.2019)

(See clause 5.2.16)

| Priority No. | Order of Priority for Selection of Candidates | Marks out of 100 |
| :---: | :---: | :---: |
| 1 | Representing India in approved World competitions/Olympics and winning First place | 100 |
| 2 | Representing India in approved World competitions/Olympics and winning Second place | 99 |
| 3 | Representing India in approved World competitions/Olympics and winning Third place | 98 |
| 4 | Representing India in World University Games and winning First place | 97 |
| 5 | Representing India in approved World University Games and winning second place | 96 |
| 6 | Representing India in World University Games and winning Third place | 95 |
| 7 | Representing India in Common Wealth Games/Asian Games and winning first place | 94 |
| 8 | Representing India in Common Wealth Games/Asian Games and winning second place | 93 |
| 9 | Representing India in Common Wealth Games/Asian Games and winning Third place | 92 |
| 10 | Representing India in approved World competitions for Juniors and winning First place | 91 |
| 11 | Representing India in approved World competitions for Juniors and winning Second place | 90 |
| 12 | Representing India in approved World competitions for Juniors and winning Third place | 89 |
| 13 | Representing India in approved World Competitions/ Olympics | 88 |
| 14 | Representing India in World University Games | 87 |
| 15 | Representing India in Common Wealth Games/Asian Games | 86 |
| 16 | Representing India in World School Games winning First place | 85 |
| 17 | Representing India in World School Games winning Second place | 84 |
| 18 | Representing India in World School Games winning Third place | 83 |
| 19 | Representing India in the Asian School Games and Asian championships for Juniors/Youth and winning First place | 82 |
| 20 | Representing India in the Asian School Games and Asian championships for Juniors/Youth and winning Second place | 81 |
| 21 | Representing India in the Asian School Games and Asian Championship for Juniors/Youth and winning Third place | 80 |
| 22 | Representing India in approved World Competition for Juniors | 79 |
| 23 | Representing India in World School Games | 78 |
| 24 | Representing India in the Asian School Games and Asian championships for Junior/Youth | 77 |
| 25 | Representing India in SAF Games and winning First place | 76 |
| 26 | Representing India in SAF Games and winning Second place | 75 |
| 27 | Representing India in SAF Games and winning Third place | 74 |
| 28 | Representing India in SAF Games | 73 |
| 29 | Representing India in the SAF Games for Junior/Youths and winning first place | 72 |
| 30 | Representing India in the SAF Games for Junior/Youths and winning Second place | 71 |
| 31 | Representing India in the SAF Games for Junior/Youths and winning Third place | 70 |
| 32 | Representing India in SAF Games for Junior/Youths Championships | 69 |
| 33 | Representing the State/Indian University in National Championships for Men/Women/National Games and Winning First place | 68 |
| 34 | Representing the State/Indian University in National Championships for Men/Women/National Games and Winning Second place | 67 |
| 35 | Representing the State/Indian University in National Championships for Men/Women/National Games and Winning Third place. | 66 |


| 36 | Representing University from Kerala State in the All India Inter University competitions and winning First place | 65 |
| :---: | :---: | :---: |
| 37 | Representing University from Kerala State in the All India Inter University competitions and winning Second place | 64 |
| 38 | Representing University from Kerala State in the All India Inter University competitions and winning Third place | 63 |
| 39 | Representing State in National Championship for Juniors/Youth and winning First place | 62 |
| 40 | Representing State/Combined All India Navodaya/ All India Kendriya Vidyalaya Sankadan team in All India School Games organized by SGFI and winning First place | 61 |
| 41 | Representing State in National Championship for Juniors/Youth and winning Second place | 60 |
| 42 | Representing State/Combined All India Navodaya/ All India Kendriya Vidyalaya Sankadan team in All India School Games organized by SGFI and winning Second place | 59 |
| 43 | Representing State in National Championship for Juniors/Youth and winning third place | 58 |
| 44 | Representing State/Combined All India Navodaya/ All India Kendriya Vidyalaya Sankadan team in All India School Games organized by SGFI and winning third place | 57 |
| 45 | Representing State in National Championship for Men \& Women | 56 |
| 46 | Representing University from Kerala in the All India Inter-University Competitins | 55 |
| 47 | Representing State in the National Championship for Junior/Youth | 54 |
| 48 | Representing State/Combined All India Navodaya/ All India Kendriya Vidyalaya Sankadan team in All India School Games organized by SGFI | 53 |
| 49 | Representing State in South Zone Championship organized by approved State Association for Men/Women and winning First place | 52 |
| 50 | Representing State in South Zone Championship organized by approved State Association for Men/Women and winning Second place | 51 |
| 51 | Representing State in South Zone Championship organized by approved State Association for Men/Women and winning Third place | 50 |
| 52 | Representing State in South Zone Championship organized by approved State Association for Junior/Youth and winning First place | 49 |
| 53 | Representing State in South Zone Championship organized by approved State Association for Junior/Youth and winning Second place | 48 |
| 54 | Representing State in South Zone Championship for Junior/Youth and winning Third place | 47 |
| 55 | Representing State in South Zone Championship for Men/Women | 46 |
| 56 | Representing State in South Zone Championship for Junior/Youth | 45 |
| 57 | Representing District in State Championships organized by approved State Association for Seniors and winning First place | 44 |
| 58 | Representing District in State Championships organized by approved State Association for Seniors and winning Second place | 43 |
| 59 | Representing District in State Championships organized by approved State Association for Seniors and winning Third place | 42 |
| 60 | Representing District in State Championships organized by approved State Association for Juniors/Youth and winning First place | 41 |
| 61 | Representing District in State Championships organized by approved State Association for Juniors/Youth and winning Second place | 40 |
| 62 | Representing District in State Championships organized by approved State Association for Juniors/Youth and winning Third place | 39 |
| 63 | Representing Revenue District in State School Games Championship and winning first place | 38 |
| 64 | Representing Revenue District in State School Games Championship and winning second place | 37 |
| 65 | Representing Revenue District in State School Games Championship and winning third place | 36 |
| 66 | Representing District in State Championships organized by approved State Association for senior | 35 |
| 67 | Representing District in State Championships for junior/youth | 34 |

## NOTE

## MINIMUM ELIGIBILITY FOR ADMISSION TO PROFESSIONAL COURSES UNDER SPORTS QUOTA

For those seeking admission to Professional courses (Medical and Allied Courses, Engineering, Agricultural Course, LLB Course, MA/MSc Course, the minimum achievement required for selection under the Sports Quota will be SI.No.59, i.e., representing the Revenue District in State School Games Championship and winning third place.

1. Approved World competitions mean the competitions organised by the International apex bodies of the concerned discipline and in which the National teams are sponsored by the National apex bodies and cleared by Sports Authority of India/Government of India. Only those International Competitions which are being held at the time of preparation of the norms are included in the priority list.
2. The National Championship means the championships conducted by the National apex body of the concerned discipline.
3. Individual Games/Event mean a Game/Event in which individual performs alone (Relay is considered as team event)
4. When a Candidate has a number of achievements in different disciplines his/her best achievements will be taken into consideration.
5. The achievements in two financial years ( ${ }^{\text {st }}$ April to $31^{\text {st }}$ March) previous to the year of selection shall alone be considered. However, in the case of competitions which are not organized annually the immediately previous completions shall be deemed as the previous two financial years for the purpose of this list.
6. All competitions where an upper age limit is fixed (Youth/Junior/Sub-Junior) would be treated as junior event provided it is not classified as senior event by the concerned National Federation.
7. If a Candidate represents the Indian University team in the National Championships in Men/Women, he/she will be considered for the benefit of the norms only if he/she was a student in one of the Universities in Kerala during the year of representation.
8. When there is a tie in any of the achievements the following criteria as per the priority list below will be applied to break the tie.
a) Those with a higher number of achievements will be placed above the others. If the tie still remains, the next best achievements as per the order of priority will be considered.
b) If the tie is not broken by the above method the person having the achievement during the year closer to the selection will be given higher weightage.
c) Individual achievements will be ranked above team achievements.
d) If a new record is created he/she will get next priority.
e) If the participants from two age group competitions tie, then participant in the age group with the upper age limit will be given priority.
f) Captaincy in games will be given the next priority.
g) If a tie cannot be broken by any of the above mentioned sports achievements, the marks obtained in the subjects of the qualifying examination will be considered for breaking the tie.

## ANNEXURE - XIX <br> CENTRALIZED ALLOTMENT PROCESS (CAP) - 2020 <br> AUTHORISATION LETTER SUBMITTED BY AN AUTHORISED REPRESENTATIVE / PROXY OF CANDIDATE

[See Clause 11.10]
I, of Shri/Smt. $\qquad$ having Roll No $\qquad$ in the
Entrance Examination 2020, with Engineering Rank $\qquad$ Architecture Rank .................., Medical Rank
$\qquad$ do hereby authorize Shri/Smt $\qquad$
$\qquad$
$\qquad$
Address of the person being authorized) to represent me to report at the allotment venue for admission to Professional Degree Courses, 2020. The signature of the person authorized is attested below by a Gazetted Officer.

| Photograph of |
| :---: |
| candidate attested by a |
| Gazetted Officer |

Signature of Candidate: $\qquad$
Name $\qquad$
Address : $\qquad$
$\qquad$
$\qquad$
(Gazetted Officer to attest the Photograph) $\qquad$
Name
Designation:
(Signature of authorised representative)
(Office Seal)
(ATTESTED)


## UNDERTAKING

I, undertake that the decision taken if any, by my authorised representative at the allotment venue shall be binding on me and I shall not have any claim whatsoever, other than the decision taken by my authorised representative on my behalf.

Place :
Date : Signature of candidate
Note: An authorized representative attending CAP must bring a photocopy also of the filled in form. The same will be returned to the representative with the seal of the CEE's office. This copy of the filled in form having the seal of the CEE's office can be used in lieu of authorization letter during subsequent appearances.

## 













 றைૅ.














 พใก్గృகைరె.






 めరた.













### 4.1.1 (i) (
































### 4.1.4 (ปளேைகாலロハஸ๐:




## 










（a）ஜワழロ（EZ）－ $9 \%$

| （b） |  | － | 8\％ |
| :---: | :---: | :---: | :---: |







（i）கなூృంஸி（KU）－ $1 \%$

（a）வรிகஜวாา（SC）－8\％
（b）வకிகவでヘูం（ST）－2\％
கூกிన్న్：







 （ேவவிeோைைo alos－ $15 \%$ ．


























MBBS，BDS，BAMS，BHMS，Agriculture，Veterinary，forestry and Fisheries बே๐ழ̆ヤुృカ











 ชฐ్మ．

 மிமிகேளை்ாைவコஸ゙．

 ஸ゙．









 （2）， $\operatorname{IV}(2), \mathrm{V}(2), \mathrm{VI}(3)(\mathrm{a}), \mathrm{VII}(4)$ ஆை

## 













































 9．7．5（ii），9．7．5（iii）（Ьळナ円๐）．

## 








 23．05．2014－ャை G．O．（MS）No．10／2014／BCDD，01．01．2015 ๑ை G．O．（P）No．1／2015／BCDD，05．01．2015 ๑ย G．O．（MS）No．4／2015／H．Edn，19．01．2015－ヵை G．O．（MS）No．15／2015／H．Edn，09．04．2018－๑ை

 вிகாோே̆．
a）02．05．1966』 G．O．（P）208／66／Edn，23．05．2014』eノ G．O．（MS）No．10／2014／BCDD，01．01．2015คe G．O．（P）No．1／2015／BCDD，05．01．2015®e G．O．（MS）No．4／2015／H．Edn，

























 ๓ைஸ゙.





## 




















 ๓ை๓ั.



















































 అைஸ゙．
 ாணிகృூைைஸ゙．


 ๓ைஸ゙．















































































## 












## (ส10๑)






๘ேவவை்円ிண



๙10ஓஹிண8


























































 めロロஸ゙．

## 




 உぴภృన్న．

























## 




 カிெளஸை．





 ஸ゙.



### 6.2.4 ஸி.مก๐ கேวழ̆றบ̆






## 




















































## 





























## 







 ๘ைวவறைOm வరెกษ VHSE (Agri)/HSE (NSQF Agri.stream), VHSE (Livestock







































## 









## 9.4 வமใぁяง จใตา:












## 


























## 
















### 9.6.4 هృவృ สைロใఱிన్ํ:







[^2]

















## 




 ळே๐ケัறั゙


(vi) றி.







 வంาฆ్మ





















































 ๔ைセேンにノロン日かைைைஸ゙．











































 （いめமロロ）．


（iv）ஸi．ゥ毋）




## 
















```
றஜீகேோக%亍ஸ゙
```












## 







 ๑めுறைறைைஸ゙．











## 










## 

### 10.4.1 ๘ாคியிన్న้:









## 













 வృசாைையுం ஊழுளృக.







## 



 வosาอృ.



 கกுనூிிஸ்.





| （v） | ～00า（セrseover） |
| :---: | :---: |
| （x） | ஸુmm دlımolsjmm゙ |
| O | வృ๕ชาญาร్మmの゙ |
| $\bigcirc$ | บอญาร」mのั |
| $\bigcirc$ |  |
| c |  |
| ， |  |




















 வО๘ßวన．


































 ms๓ையm゙.










## 

































 ๑ேழுญృைைைஸ゙．








 ாேsியி円ிகளஸெ．



 ตணிகலエ．






































 உஸรコயி円ிகளைறைை.




























 （エノயめவெணาண）．








## 



























 ๑ગగ్గం న๑৩๐．

## 











































 ாஜிகேஸ்ரைஸ゙:





































```
ธেロறృவMயo - XXI
```



```
(see Clause 11)
```









 Portal $\because$ 毋






























 ตேslel|าlஜாளை.

## 

































































# ANNEXURE - XXII <br> Undertaking from the Students as per the provisions of anti-ragging verdict by the Hon'ble Supreme Court of India <br> [See Clause 14.4] 


#### Abstract

I, Mr./Ms. $\qquad$ Roll No $\qquad$ Program: $\qquad$ . student of $\qquad$ do hereby undertake on this day $\qquad$ Month $\qquad$ . year $\qquad$ , the following with respect to above subject and Office Order No : $\qquad$ 1) That I have read and understood the directives of the Hon'ble Supreme Court of India on anti-ragging and the measures proposed to be taken in the above references. 2) That I understand the meaning of Ragging and know that the ragging in any form is a punishable offence and the same is banned by the Court of Law. 3) That I have not been found or charged for my involvement in any kind of ragging in the past. However, I undertake to face disciplinary action/legal proceedings including expulsion from the Institute if the above statement is found to be untrue or the facts are concealed, at any stage in future. 4) That I shall not resort to ragging in any form at any place and shall abide by the rules/laws prescribed by the Courts, Govt. of India and Institute authorities for the purpose from time to time.


Signature of Student
I hereby fully endorse the undertaking made by my child/ward.
Signature of Mother/Father and or Guardian
Witness :

IMPORTANT ABBREVIATIONS USED

| AICTE | All India Council for Technical Education |
| :--- | :--- |
| CAP | Centralised Allotment Process |
| CBSE | Central Board of Secondary Education |
| CEE | Commissioner for Entrance Examinations |
| CISCE | Council of IndianSchool Certificate Examination |
| COA | Council of Architecture |
| DCI | Dental Council of India |
| EWS | Economically Weaker sections |
| HSE | Higher Secondary Education |
| ICCR | Indian Council of Cultural Relations |
| KAU | Kerala Agricultural University |
| KEAM | Kerala Engineering Agriculture \& Medical |
| KTU | APJ Abdul Kalam Technological University |
| KUFOS | KeralaUniversity of Fisheries \& Ocean Studies |
| KUHS | KeralaUniversity of Health Sciences |
| KVASU | KeralaVeterinary \& AnimalSciencesUniversity |
| MCI | Medical Council of India |
| NATA | National Aptitude Test in Architecture |
| NEET-UG | National Eligibility-cum-Entrance Test - Under Graduate |
| NTA | National Testing Agency |
| OEC | Other Eligible Community |
| OMR | Optical Mark Reading |
| PwD | Persons with Disabilities |
| SC | Scheduled Caste |
| SEBC | Socially and Educationally Backward Classes |
| ST | Scheduled Tribe |
| TFW | Tuition Fee Waiver |
| VHSE | Vocational Higher Secondary Education |



## Annexure XXIV(i)

MCI Guidelines regarding admission of students with specified disabilities under the Rights of Person with Disabilities Act-2016 with respect to admission in Medical courses except BHMS Course.

| SI. <br> No. | Disability Type | Type of Disabilities | Specified Disability | Disability Range |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Eligible for Medical Course, Not Eligible for PwD Quota | Eligible for Medical Course, Eligible for PwD Quota | Not Eligible for Medical Course |
| 1. | Physical Disability | A. Locomotor Disability, including Specified Disabilities (a to f). | a. Leprosy cured person* <br> b. Cerebral Palsy** <br> c. Dwarfism <br> d. Muscular <br> Dystrophy <br> e. Acid attack victims <br> f. Others*** such as <br> Amputation, <br> Poliomyelitis, etc. <br> * Attention should amputation, as wel recommendations ** Attention should etc. and correspon *** Both hands inta motion are essentia | Less than 40\% disability | 40-80\% disability | More than 80\% |
|  |  | B. Visual Impairment (*) | b. Low vision | Less than 40\% disability (i.e. Category ' 0 (10\%)', 'l (20\%)' \& 'II (30\%') | - | Equal to or More than 40\% Disability (i.e. Category III and above) |
|  |  | C. Hearing impairment@ | b. Hard of hearing | $\begin{aligned} & \text { Less than } \\ & 40 \% \\ & \text { Disability } \end{aligned}$ | ${ }^{-}$ | Equal to or more than 40\% Disability |
|  |  |  | (*) Persons with Visual impairment / visual disability of more than $40 \%$ may be made eligible to pursue Graduate Medical Education and may be given reservation, subject to the condition that the visual disability is brought to a level of less than the benchmark of $40 \%$ with advanced low vision aids such as telescopes / magnifier etc. <br> @ Persons with hearing disability of more than $40 \%$ may be made eligible to pursue Graduate Medical Education and may be given reservation, subject to the condition that the hearing disability is brought to a level of less than the benchmark of $40 \%$ with the aid of assistive devices. <br> In addition to this, the individual should have a speech discrimination score of more than 60\%. |  |  |  |
|  |  | D. Speech \& language disability\$ | Organic/ neurological causes | $\begin{aligned} & \text { Less than } \\ & 40 \% \\ & \text { Disability } \end{aligned}$ | - | Equal to or more than 40\% Disability |
|  |  | \$ It is proposed that for admission to MBBS course the Speech Intelligibility Affected (SIA) score shall not exceed 3 (Which will correspond to less than $40 \%$ ) to be eligible to pursue the MBBS course. The individuals beyond this score will not be eligible for admission to the MBBS course. <br> Persons with an Aphasia Quotient (AQ) upto $40 \%$ may be eligible to pursue MBBS course but beyond that they will neither be eligible to pursue the MBBS course nor will they have any reservation. |  |  |  |  |
| 2. | Intellectual disability |  | a. Specific learning disabilities (Perceptual disabilities, Dyslexia, Dyscalculia, Dyspraxia \& Developmental aphasia)\# | \# currently there is no Quantification scale available to assess the severity of SpLD, therefore the cut-off of $40 \%$ is arbitrary and more evidence is needed. |  |  |
|  |  |  |  | Less than 40\% <br> Disability | Equal to or more than 40\% disability <br> But selection will be based on the learning competency evaluated with the help of the remediation/ assisted technology/ aids/i nfrastructural changes by the Expert Panel | More than $80 \%$ or severe nature or significant cognitive/ intellectual disability |
|  |  |  | b. Autism spectrum disorders | Absence or Mild <br> Disability, | Currently not recommended due to lack of objective | Equal to or more than 60\% disability or presence of |


|  |  |  |  | Asperger syndrome (disability of 40-60\% as per ISAA) where the individual is deemed fit for MBBS course by an expert panel | method to establish presence and extent of mental illness. <br> However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment. | cognitive/intellectual disability and/or if the person is deemed unfit for pursuing MBBS course by an expert panel |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 3. | Mental behaviour |  | Mental illness | Absence or mild <br> Disability: less than 40\% <br> (under IDEAS) | Currently not recommended due to lack of objective method to establish presence and extent of mental illness. However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment. | Equal to or more than 40\% disability or if the person is deemed unfit to perform his/her duties. Standards may be drafted for the definition of "fitness to practice medicine", as are used by several institutions of countries other than India. |
| 4. | Disability caused due to | a. Chronic Neurological Conditions | i. Multiple Sclerosis <br> ii. Parkinsonism | Less than 40\% <br> Disability | 40-80\% disability | More than 80\% |
|  |  | b. Blood Disorders | i. Haemophilia ii. Thalassemia iii. Sickle cell disease | $\begin{aligned} & \hline \text { Less than } \\ & 40 \% \\ & \text { Disability } \end{aligned}$ | 40-80\% disability | More than 80\% |
| 5. | Multiple disabilities including deaf blindness |  | More than one of the above specified disabilities | Must consider all above while deciding in individual cases recommendations with respect to presence any of the above, namely, Visual, Hearing, Speech \& Language disability, Intellectual Disability, and Mental Illness as a component of Multiple Disability. <br> Combining Formula as notified by the related Gazette Notification issued by the Govt. of India $\frac{a+b(90-a)}{90}$ <br> (where $a=$ higher value of disability $\%$ and $b=l o w e r ~ v a l u e ~ o f ~$ disability \% as calculated for different disabilities) is recommended for computing the disability arising when more than one disabling condition is present in a given individual. This formula may be used in cases with multiple disabilities, and recommendations regarding admission and/or reservation made as per the specific disabilities present in a given individual |  |  |

Annexure XXIV(ii)
CCH Guidelines regarding admission of students with specified disabilities under the Rights of Person with Disabilities
Act-2016 with respect to admission in BHMS course

| SI. <br> No. | Disability Type | Type of Disabilities | Specified Disability | Disability Range |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | Eligible for BHMS <br> Course, Not Eligible for PwD Quota | Eligible for BHMS Course, Eligible for PwD Quota | Not Eligible for BHMS Course |
| 1 | Physical Disability | A. Locomotor Disability, including Specified Disabilities (a to f). | a. Leprosy cured person* | $\begin{aligned} & \text { Less than } \\ & \text { 40\% } \\ & \text { disability } \end{aligned}$ | $\begin{aligned} & \hline 40-80 \% \\ & \text { disability } \end{aligned}$ | More than 80\% |
|  |  |  | b. Cerebral Palsy** |  |  |  |
|  |  |  | c. Dwarfism |  |  |  |
|  |  |  | d. Muscular Dystrophy |  |  |  |
|  |  |  | e. Acid attack victims |  |  |  |
|  |  |  | f. Others ${ }^{* * *}$ such as Amputation, Poliomyelitis, etc. |  |  |  |
|  |  |  | * Attention should be paid to loss of sensations in fingers and hands, amputation, as well as involvement of eyes and corresponding recommendations be looked at. <br> ** Attention should be paid to impairment of vision, hearing, cognitive function etc. and corresponding recommendations be looked at. <br> *** Both hands intact, with intact sensations, sufficient strength and range of motion are essential to be considered eligible for medical course |  |  |  |
|  |  | B. Visual Impairment (*) | a. Blindness | Less than 40\% disability (i.e. Category '0(10\%)', 'I(20\%)' \& 'II(30\%') | dered eligible | Equal to or More than 40\% Disability (i.e. Category III and above) |
|  |  |  | b. Low vision |  |  |  |
|  |  | C. Hearing Impairment @ | a. Deaf | Less than 40\% Disability | ${ }^{-}$ | Equal to or more than 40\% Disability |
|  |  |  | b. Hard of hearing |  |  |  |
|  |  |  | (*) Persons with Visual impairment / visual disability of more than 40\% may be made eligible to pursue Graduate Medical Education and may be given reservation, subject to the condition that the visual disability is brought to a level of less than the benchmark of $40 \%$ with advanced low vision aids such as telescopes / magnifier etc. <br> @ Persons with hearing disability of more than $40 \%$ may be made eligible to pursue Graduate Medical Education and may be given reservation, subject to the condition that the hearing disability is brought to a level of less than the benchmark of $40 \%$ with the aid of assistive devices. In addition to this, the individual should have a speech discrimination score of more than $60 \%$. |  |  |  |
|  |  | D. Speech \& language disability \$ | Organic/ neurological causes | $\begin{aligned} & \text { Less than } \\ & 40 \% \\ & \text { Disability } \end{aligned}$ | - | Equal to or more than 40\% Disability |
|  |  | \$ It is proposed that for admission to BHMS course the Speech Intelligibility Affected (SIA) score shall not exceed 3 (Which will correspond to less than $40 \%$ ) to be eligible to pursue the BHMS course. The individuals beyond this score will not be eligible for admission to the BHMS course. Persons with an Aphasia Quotient (AQ) upto $40 \%$ may be eligible to pursue BHMS course but beyond that they will neither be eligible to pursue the BHMS course nor will they have any reservation. |  |  |  |  |


| 2. | Intellectual disability |  | a. Specific learning disabilities (Perceptual disabilities, Dyslexia, Dyscalculia, Dyspraxia \& Developmental aphasia) \# | \# currently assess the is arbitrary <br> Less than 40\% Disability | ere is no Quantificatio verity of SpLD, there more evidence is <br> Equal to or more than 40\% disability <br> - But selection will be based on the Learning competency evaluated with the help of the remediation/ assisted technology/aids/ infrastructural changes by the Expert Panel | n scale available to ore the cut-off of $40 \%$ eeded. <br> More than $80 \%$ or severe nature or significant cognitive/ intellectual disability |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  | b. Autism spectrum disorders | Absence or <br> Mild <br> Disability, <br> Asperger <br> syndrome <br> (disability of <br> 40-60\% <br> as <br> per ISAA) <br> where the <br> individual <br> is <br> deemed fit <br> for BHMS <br> course <br> by an <br> expert <br> panel | commended due <br> to lack of objective <br> method to <br> establish <br> presence and <br> extent <br> of mental illness. <br> However, the benefit of reservation/quota may be considered in future after developing better methods of disability assessment. | Equal to or more than 60\% disability or presence of cognitive/intellectual disability and/or if the person is deemed unfit for pursuing BHMS course by an Expert |
| 3. | Mental behaviour |  | Mental illness | Absence or mild Disability: less than 40\% (under IDEAS) | Currently not recommended due to lack of objective method to establish presence and extent of mental illness. However, the benefit of reservation/quota may be considered in future after developing better methods of disability | Equal to or more than $40 \%$ disability or if the person is deemed unfit to perform his/her duties. Standards may be drafted for the definition of "fitness to practice medicine", as are used by several institutions of countries other than India. |
| 4. | Disability caused due to | a. Chronic Neurological Conditions | i. Multiple Sclerosis <br> ii. Parkinsonism | $\begin{aligned} & \text { Less than } \\ & 40 \% \\ & \text { Disability } \end{aligned}$ | 40-80\% disability | More than 80\% |
|  |  | b. Blood Disorders | i. Haemophilia <br> ii. Thalassemia iii. Sickle cell disease | $\begin{aligned} & \text { Less than } \\ & 40 \% \\ & \text { Disability } \end{aligned}$ | 40-80\% disability | More than 80\% |


| 5. | Multiple <br> disabilities <br> including <br> deaf <br> blindness |  | More than one <br> of the above <br> specified <br> disabilities | Must consider all above while deciding in individual cases <br> recommendations with respect to presence any of the <br> above, namely, Visual, Hearing, Speech \& Language <br> disability, Intellectual Disability, and Mental Illness as a <br> component of Multiple Disability. <br> Combining Formula as notified by the related Gazette <br> Notification issued by the Govt. of India <br> a + b (90-a) |
| :--- | :--- | :--- | :--- | :--- |

## Annexure XXV

## BOND

TO KNOW ALL MEN BY THESE PRESENTS THAT we son/daughter/wife of

$\qquad$
residing at
(hereinafter called 'the sureties') do hereby bind ourselves and each of us, our and each of our heirs, executors and administrators jointly and severely to pay to the Governor of Kerala He/She is liable to pay liquidated damages of Rs. 10,00,000/-(Rupees Ten Lakhs Only) in the case of MBBS Course,Rs.5,00,000/-(Rupees five Lakhs Only) in the case of BDS Course and Rs. 75,000/- (Rupees Seventyfive Thousand Only) in the case of other Medical and allied courses towards liquidated damages/penalty for violation of the conditions as per clause 12.2.4specified in the G.O (MS) No.62/2020/H.Edn. Dated 03.01. 2020 during the admission of 2020-2021 academic year.

Signed this $\qquad$ day of $\qquad$ in the year 2020 by the Bounden

Signature
In the presence of witness: (Official \& Residential Address Compulsory)
(Office Seal)

Signed by (first surety) $\qquad$ (Sureties Residential Address Compulsory)

Signed by second (surety). $\qquad$ (Sureties Residential Address Compulsory)

In the presence of witness: (Official and Residential Address Compulsory)

WHEREAS the Bounden ................................................ has been selected to undergo MBBS/BDS in the Govt. Medical/Dental College, .........................., Kerala for a period of five years.

In the matter of deciding what moneys are to be paid by the Bounden and the sureties and decisions of the Government shall be final and legally binding on the bounden and sureties and upon the payment of such sum the above written obligation shall be avoid and of no effect otherwise this shall be remain in full force and effect.

Provided further that the Bounden and the Sureties do hereby agree that all sums found due to the Government under or by virtue of this bond may be recovered jointly and severally from them and their properties movable and immovable as if such dues were arrears of land revenue under the provisions of the Revenue Recovery Act for the time being force or in such other manner as to the Government may deem fit.

The liabilities of the sureties under this Bond is co-extensive with that of the Bounden and shall not be affected by the Government giving time or any other indigence to the bounden or by the Government varying of the terms and conditions herein contained.

Signed by the Bounden

In the presence of witness: (Official and Residential Address Compulsory)
(Office Seal)

Signed by .....................................(Sureties Residential Address Compulsory)
(Signature of the First surety)

Signed by $\qquad$ . (Sureties Residential Address Compulsory) (Signature of the second surety)

In the presence of witness: (Official and Residential Address Compulsory)
(Office Seal)

# LIST OF COURSES AVAILABLE UNDER SPECIAL RESERVATION CATEGORIES 

(See Clause 5.2)

| SI.No | Quotas | Codes | Course(s) under which reservation is available |
| :---: | :---: | :---: | :---: |
| i | Ex-serviceman/Son or daughter of Ex-serviceman | XS | ENGG, MBBS, BHMS, BAMS, B.Arch. |
| ii | Son/daughter of Serving Defence Personnel from Kerala | SD |  |
| iii | Son/daughter, or widows of those who have been in the Defence Services and who have lost their lives, including those missing in action and disabled in action either during war hostilities or in peace time circumstances of which are identical to activities during operational engagements. | DK | ENGG, MBBS, BDS, B.Sc(Hons.) Agri., BFSc, BVSc \& A.H., B.Arch. |
| iv | Son/daughter or widows of Defence Personnel who died-in-harness | HR | ENGG, MBBS, BDS, B.Sc. (Hons.) Agri., BFSc, BVSc \& A.H., B.Arch (In the event of non-availability of candidates mentioned under items (iii) |
| V | Son/daughter of Personnel serving in Paramilitary Forces, including CRPF, BSF, CISF, ITBSF | RP | ENGG., B.Arch. |
| vi | Jewish Community | JW | ENGG, MBBS, BDS, BVSc \& AH, BFSc |
| vii | Degree/Diploma holders in MBBS / BHMS / DHMS | OA | BAMS |
| viii | Degree / Diploma holders in Ayurveda | DA | MBBS |
| ix | Degree / Diploma holders in Homoeopathy | DH | MBBS |
| X | Degree holders in MBBS / BAMS / BVSc \& AH/ BSc (Hons.) <br> Agri. / BFSc / BSc (Hons.) Forestry | OH | BHMS |
| xi | Nurses Allopathy | NQ | MBBS |
| xii | Nurses/Pharmacist (Homoeopathy) | NH | BHMS |
| xiii | Nurses Ayurveda | NY | BAMS |
| xiv | Son/daughter of Agriculturists | CA | B.Sc (Hons.) Agri., BVSc \& AH |
| xV | Son/daughter of Farm Labourers | LG/LV/ <br> LF | B.Sc (Hons.) Agri., B.Sc (Hons.) Forestry, BVSc \& AH, BFSC |
| xvi | Son/daughter of Fishermen | CF | BFSC |
| xvii | Scouts \& Guides | SG | ENGG. |
| xviii | Agricultural Assistants/VHSE (Agri.) Holders/Diploma Holders in Agricultural Science/HSE (NSQF-Agri. Stream) | AG/VA/DG | B.Sc (Hons.) Agri. |
| xix | Livestock Inspectors/Farm Asst (Vety) | LS/FV | BVSc \& AH, B.Tech Food Technology |
| xx | Diary Farm Instructors | DF | B. Tech. (Dairy Technology) |
| xxi | Sports Quota | PT/PI | ENGG, MBBS, BDS, BHMS, BAMS, BVSc \& AH, B.Sc (Hons.) Forestry, BSc (Hons.) Agri., BFSc, B.Tech (Dairy Technology), B.Tech (Agri., Engg.), B.Tech Food Technology |
| xxii | NCC Quota | CC | ENGG, MBBS, BDS, BHMS, BAMS, BVSc \& AH., B.Arch. |
| xxiii | VHSE (Livestock Management)/HSE (Diary Farmer Entrepreneur Course) | LK | BVSc. \& AH |
| xxiv | Diploma Holders(Laboratory Techniques \& Poultry Production Programmes) | DP | BVSc. \& AH |


[^0]:    *Subject to change

[^1]:    *Strike whichever is not applicable.

[^2]:    
    
    
    

