"ഭരണഭാഷ- മാതൃഭാഷ"

കേരള സർക്കാർ

<u>സംഗ്രഹം</u>

ഉന്നത വിദ്യാഭ്യാസം - KEAM 2025 പ്രോസ്പെക്സിൽ ഭേദഗതി വരുത്തി - ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

ഉന്നത വിദ്യാഭ്യാസ (ജി) വകുപ്പ്

സ.ഉ.(കൈ) നം.470/2025/HEDN	തീയതി,തിരുവനന്തപുരം, 01-07-2025

പരാമർശം:-
1. 19.02.2025 തീയതിയിലെ സഉ (കൈ) നം 97/2025/ഉവിവ

2. 09.04.2025 തീയതിയിലെ സഉ (സാധ) നം 460/2025/ഉവിവ

3. പ്രവേശന പരീക്ഷാ കമ്മീഷണറുടെ 02.06.2025 തീയതിയിലെ CEE/245/2025-TA1 നമ്പർ കത്ത്

4. Standardization Review കമ്മിറ്റിയുടെ 02.06.2025 തീയതിയിലെ റിപ്പോർട്ട്

5. പ്രവേശന പരീക്ഷാ കമ്മീഷണറുടെ 05.06.2025 തീയതിയിലെ CEE/245/2025-TA1 നമ്പർ കത്ത്

<u>ഉത്തരവ്</u>

KEAM 2025 പ്രോസ്പെക്സ് പരാമർശം (1) പ്രകാരം സർക്കാർ അംഗീകരിച്ച് ഉത്തരവായിരുന്നു. KEAM 2025 പ്രോസ്പെക്സിലെ Clause 1.6 പ്രകാരം പ്രോസ്പെക്സിൽ ആവശ്യമായ മാറ്റങ്ങൾ വരുത്തുന്നതിനുള്ള അധികാരം സർക്കാരിൽ നിക്ഷിപ്പമാണ്.

2. KEAM എഞ്ചിനീയറിംഗ് എൻട്രൻസ് യോഗ്യതാ പരീക്ഷകൾക്കുള്ള സ്റ്റാൻഡേഡൈസ്ഡ്/ നോർമലൈസ്ഡ് മാർക്ക് കണക്കാക്കുവാൻ നിലവിൽ ഉപയോഗിക്കുന്ന രീതിയും ഫോർമുലയും സംബന്ധിച്ച് പഠനം നടത്തുന്നതിനും പ്രോസ്പെക്സിൽ ആവശ്യമായ ഭേദഗതി വരുത്തുന്നതിനുള്ള ശിപാർശ ലഭ്യമാക്കുന്നതിനും പരാമർശം (2) പ്രകാരം Standardization Review കമ്മിറ്റി രൂപീകരിച്ച് സർക്കാർ ഉത്തരവായിരുന്നു. പ്രസ്തുത കമ്മിറ്റി പരാമർശം (4) പ്രകാരം റിപ്പോർട്ട് ലഭ്യമാക്കുകയുണ്ടായി.

3. Standardization Review കമ്മിറ്റി പരാമർശം (4) പ്രകാരം സമർപ്പിച്ച റിപ്പോർട്ടിലെ ശിപാർശയും, പ്രവേശന പരീക്ഷാ കമ്മീഷണർ പരാമർശം (3), (5) പ്രകാരം സമർപ്പിച്ച റിപ്പോർട്ടുകളിലെ അഭിപ്രായങ്ങളും സർക്കാർ പരിശോധിച്ചു.

4 . തുടർന്ന് **KEAM 2025** പ്രോസ്പെക്ടസ് ഭേദഗതി ചെയ്യുന്ന വിഷയം സർക്കാർ വിശദമായി പരിശോധിച്ചു. 2025 ലെ **KEAM** പ്രവേശന പരീക്ഷയ്ക്കുള്ള റാങ്ക് ലിസ്റ്റ് തയ്യാറാക്കുന്നതിനുള്ള അനുയോജ്യമായ ഒരു ഫോർമുലയിൽ എത്തിച്ചേരുന്നതിനായി നിലവിലുള്ള എൻട്രൻസ് പരീക്ഷയുടെ മാർക്കും, പ്ലസ് ടു (ക്ലാസ് **XII**) ബോർഡ് പരീക്ഷയിലെ മാർക്കും തമ്മിലുള്ള അനുപാതം **50 : 50** എന്ന് നിലനിർത്തിക്കൊണ്ട്, പ്ലസ് ടു (ക്ലാസ് **XII**) ബോർഡ് മാർക്കുകൾ അനുബന്ധത്തിൽ സൂചിപ്പിച്ചിരിക്കുന്ന ഫോർമുല പ്രകാരം സ്റ്റാൻഡേഡൈസ്/നോർമലൈസ് ചെയ്ത്, മാത്മാറ്റിക്സ്, ഫിസിക്സ്, കെമിസ്ട്രി എന്നീ വിഷയങ്ങളുടെ മാർക്കുകൾ **5:3:2** എന്ന അനുപാതത്തിൽ ചേർക്കുന്നതിനുമുള്ള നിബന്ധന ഉൾപ്പെടുത്തി പ്രോസ്പെക്ടസ് ഭേദഗതി ചെയ്ത് ഉത്തരവാകുന്നു.

5. പരാമർശം (1) ഉത്തരവ് പ്രകാരം അംഗീകരിച്ച പ്രോസ്പെക്ടസിൽ വരുത്തുന്ന ഭേദഗതികൾ ഇതോടൊപ്പം അനുബന്ധമായി ചേർക്കുന്നു.

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(ഗവർണറുടെ ഉത്തരവിൻ പ്രകാരം)

ഡോ. ഷർമിള മേരി ജോസഫ്

പ്രിൻസിപ്പൽ സെക്രട്ടറി

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പ്രവേശന പരീക്ഷാ കമ്മീഷണർ, കെ എസ് ആർ ടി സി ബസ് ടെർമിനൽ കോംപ്ലക്സ്, തമ്പാനൂർ, തിരുവനന്തപുരം - 695001.

മാനേജർ, അഡ്മിഷൻ സൂപ്പർവൈസറി & ഫീസ് റെഗുലേറ്ററി കമ്മിറ്റി, തിരുവനന്തപുരം.

സാങ്കേതിക വിദ്യാഭ്യാസ ഡയറക്ടർ, തിരുവനന്തപുരം.

ഡയറക്ടർ, മെഡിക്കൽ എഡ്യൂക്കേഷൻ, തിരുവനന്തപുരം.

ഡയറക്ടർ, ഹയർ സെക്കൻഡറി വിദ്യാഭ്യാസം, തിരുവനന്തപുരം.

ഡയറക്ടർ, വൊക്കേഷണൽ ഹയർ സെക്കൻഡറി വിദ്യാഭ്യാസം, തിരുവനന്തപുരം.

ഡയറക്ടർ, എസ് സി ഇ ആർ ടി, തിരുവനന്തപുരം.

പ്രിൻസിപ്പൽ അക്കൗണ്ടന്റ് ജനറൽ (**A & E**) കേരള, തിരുവനന്തപുരം.

പ്രിൻസിപ്പൽ അക്കൗണ്ടന്റ് ജനറൽ (**Audit**) കേരള, തിരുവനന്തപുരം.

ആരോഗ്യ കുടുംബക്ഷേമ വകുപ്പ്

ഇൻഫർമേഷൻ ആഫീസർ, വെബ് & ന്യൂ മീഡിയ, വിവര-പൊതുജനസമ്പർക്ക വകുപ്പ്

www.highereducation.kerala.gov.in.

കരുതൽ ഫയൽ/ഓഫീസ് കോപ്പി. (**HEDN-G3/278/2024-HEDN-Part 1**)

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ഉത്തരവിൻ പ്രകാരം

Signed by

Deepa N S

Date: 01-07-2025 16:48:02

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സെക്ഷൻ ഓഫീസർ

അനുബന്ധം

Sl.No	Existing Conditions	Amendment
1	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 normalized score obtained in the Entrance Examination for Engineering 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.	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 normalized score obtained in the Entrance Examination for Engineering and the grade/marks obtained in the final year of the qualifying examination for Mathematics, Physics and Chemistry put together in the ratio 5:3:2, after effecting the normalization 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.
2.	9.7.4 (b) (i) Equal weightage of 50:50 shall be given to the	9.7.4 (b) (i) Equal weightage of 50:50 shall be given to the normalized

	normalized score obtained in the Entrance Examination for Engineering as described in Clause 9.4.4 (i) 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.	score obtained in the Entrance Examination for Engineering as described in Clause 9.4.4 (i) and the grade/marks obtained in the final year of the qualifying examination for Mathematics, Physics and Chemistry put together, in the ratio 5:3:2, after effecting the normalization 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.	(ii) The final year marks of the qualifying examination of each subject Mathematics, Physics and Chemistry/Computer Science/ Biotechnology/ Biology, shall be transformed to be out of 100. The marks of the three subjects, after effecting the normalization in each subject, shall be put together in the ratio 5:3:2 (Mathematics:150, Physics:90, Chemistry:60) so that the combined marks of the three subjects is out of 300.
	(iii) The formula for standardization as has been	(iii) The marks (out of 100) obtained

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 YBG of a candidate of the stream (B) standardized with respect to the global reference stream (G) for the subject is

$$Y_{BG} = M_G + S_G \left(\frac{X_{Bj} - M_{Bj}}{S_{Bj}} \right)$$

Where MBj and SBj 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 XBj is the mark of a candidate out of 100 for the subject in the stream (B) of the year j.

The Global Mean (MG) 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

by the students in the relevant subjects in the qualifying examinations conducted by the various Boards or Authority shall be equated with the marks (out of 100) obtained by the students in the same subjects in the qualifying examination of the current year conducted by the State Board of Kerala by adopting the method of normalization using the following formula.

The normalized mark YB of a candidate of a particular board, B, is:

$$Y_B = \frac{X_B^j}{H_B^j} \times H_K^r$$

where H_B^j and H_K^r denote respectively the highest marks secured by the students of the board, B, in the year, j, and the highest marks secured by the students of the State Board of Kerala in the current year (2025), and X_B^j is the mark of a candidate, out of 100, for the subject in the examination conducted by the board, B in the year, j.

Qualifying examinations of different years of the same board will be treated as different from each other.

Eg: If the highest mark secured by the students of State Board of Kerala in Mathematics, this year, is 100/100 and the highest mark secured by a

HSE, Kerala VHSE, CBSE and CISCE Boards taken together for the period from 2009 to 2025. The Global Standard Deviation (SG) 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 2025.	student of any other Board in the same subject is 95/100, both the highest marks will be considered to be equal to 100/100. If a student of the other Board secures 70/100 in Mathematics when the highest mark secured in Mathematics in the same Board is 95/100, 70/100 marks will be considered to be equal to 73.68/100 marks as arrived at below. $$\frac{70}{95} \times 100 = 73.68$$
(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 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	(iv) No change

	Biotechnology, the marks obtained in Biology shall be considered.	
	(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 YBG 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.	(v) Deleted
	(vi) The normalized score obtained by the candidate in the Engineering Entrance Examination 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.	(vi) The normalized score obtained by the candidate in the Engineering Entrance Examination shall be computed out of 300, and added to the total normalized 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 (Mathematics:150, Physics:90, Chemistry:60), 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	(vii) If any Board/Authority provides results by letter grades/CGPA/OGPA etc., the candidate concerned shall have to submit the marks equivalent

	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.	as required, from the Board/Authority concerned, failing which the conversion of letter grades/ CGPA/ OGPA to marks shall be based on the available information and the decisions in this connection taken by the Commissioner for Entrance Examinations 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.	(viii) In the case of candidates who have qualified from National Boards namely CBSE and CISCE, the highest marks obtained in the relevant subject by the candidates at the National level alone will be taken into consideration for normalization. The various Boards will be requested to furnish the maximum marks scored in the relevant subjects. In case, such marks are not available before the preparation for rank list, the maximum marks scored in such Boards will be considered as 100%, 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	(ix) Deleted

	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.	
	9.7.4 (g) Resolution of tie while ranking: (i) Engineering: In the case of a tie in the total index marks computed after integrating the total normalized score of the entrance examination with the total standardized score for the preparation of the engineering rank, candidate with a higher pre-normalized score in Mathematics in the entrance examination will be placed higher in the ranking. If the tie still exists, candidate with a higher pre-normalized score in Physics of 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 persists, candidate with higher standardized marks in Physics of the final year of the qualifying examination will be placed higher in the ranking. Tie still not resolved, candidate with correct higher number of responses in Mathematics will be considered. If the tie persists	9.7.4 (g) Resolution of tie while ranking: (i) Engineering: In the case of a tie in the total index marks computed after integrating the total normalized score of the entrance examination with the total normalized score of the qualifying examination for the preparation of the engineering rank, candidate with a higher pre-normalized score in Mathematics in the entrance examination will be placed higher in the ranking. If the tie still exists, candidate with a higher pre-normalized score in Physics of the Entrance Examination will be placed higher in the ranking. If there is still a tie, candidate with higher normalized marks in Mathematics of the final year of the qualifying examination will be placed higher in the ranking. If the tie persists, candidate with higher normalized marks in Physics of the final year of the qualifying examination will be placed higher in the ranking. Tie still not resolved, candidate with correct higher number of responses in Mathematics will be considered. If the tie persists candidate with correct higher number of responses in Physics

	candidate with correct higher number of responses in Physics will be considered. If there is still a tie, the age of the candidate will be considered, and the older will be placed higher in the ranking. Tie remains, the decision of CEE will be final.	will be considered. If there is still a tie, the age of the candidate will be considered, and the older will be placed higher in the ranking. Tie remains, the decision of CEE will be final.