

# പതിമൂന്നാം കേരള നിയമസഭ

ബഹുമാനപ്പെട്ട സഭാംഗമാണ്

നക്ഷത്ര ചിഹ്നമിടാത്ത  
നിയമസഭാ  
ചോദ്യം നം. 1077

13.06.2013 ൽ മറുപടിയ്ക്ക്

എഞ്ചിനീയറിംഗ് വിദ്യാഭ്യാസ മേഖലയിലെ നിലവാര തകർച്ച.

ചോദ്യം

ഉത്തരം

ശ്രീമതി. കെ.എസ്. സലീല

ശ്രീ. പി.കെ. അബ്ദുറബ്ബ്  
(ബഹു. വിദ്യാഭ്യാസ വകുപ്പ് മന്ത്രി)

എ) സംസ്ഥാനത്തെ സർക്കാർ/ എയ്ഡഡ്, സഹകരണ, സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകളിൽ ആകെ എത്ര സീറ്റുകളാണ് നിലവിലുള്ളത്; തരംതിരിച്ച് വ്യക്തമാക്കുമോ;

എ) സീറ്റുകളുടെ എണ്ണം തരംതിരിച്ച് ചുവടെ ചേർക്കുന്നു.

|  |       |
|--|-------|
| സർക്കാർ മേഖലയിലെ സീറ്റുകളുടെ എണ്ണം                     | 3198  |
| എയ്ഡഡ് മേഖലയിലെ സീറ്റുകളുടെ എണ്ണം                      | 1557  |
| സർക്കാർ നിയന്ത്രിത സ്വാശ്രയ മേഖലയിലെ സീറ്റുകളുടെ എണ്ണം | 7139  |
| സ്വകാര്യ സ്വാശ്രയ മേഖലയിലെ സീറ്റുകളുടെ എണ്ണം           | 41082 |
| ആകെ  | 52976 |

ബി) ആയതിനാൽ 2012-13 അധ്യയന വർഷം സംസ്ഥാനത്തെ സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകളിൽ എത്ര സീറ്റുകളാണ് ഒഴിഞ്ഞുകിടന്നത്; വിശദമാക്കുമോ ;

ബി) ഒഴിഞ്ഞുകിടന്ന സീറ്റുകളുടെ എണ്ണം

|                                 |               |
|---------------------------------|---------------|
| സർക്കാർ മേഖല                    | 03 സീറ്റുകൾ   |
| എയ്ഡഡ് മേഖല                     | 0             |
| സർക്കാർ നിയന്ത്രിത സ്വകാര്യമേഖല | 421 സീറ്റുകൾ  |
| സ്വകാര്യ സ്വാശ്രയ മേഖല          | 7262 സീറ്റുകൾ |
| ആകെ                             | 7686 സീറ്റുകൾ |

സി) ഇപ്രകാരം നിരവധി സീറ്റുകൾ ഒഴിഞ്ഞുകിടന്നിട്ടും 2013-14 വർഷം എത്ര സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകൾ പുതുതായി ആരംഭിക്കുവാനാണ് അനുമതി നൽകിയത്; വിശദമാക്കുമോ ;

സി) 5 സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകൾ ആരംഭിക്കുവാനാണ് 2013-14 വർഷം അനുമതി നൽകിയത്.

ഡി) സംസ്ഥാനത്തെ ഒട്ടുമിക്ക സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകളുടെ നിലവാര തകർച്ചയെ സംബന്ധിച്ചും ബഹു. ഹൈക്കോടതി വിമർശിച്ച പശ്ചാത്തലത്തിൽ ഇവയുടെ നിലവാരം ഉയർത്തുന്നതിനും വിജയശതമാനം വർദ്ധിപ്പിക്കുന്നതിനും എന്തൊക്കെ നടപടികൾ ഇതുവരെ സ്വീകരിച്ചു; വിശദമാക്കുമോ;

ഇ) സംസ്ഥാനത്ത് ബി.ടെക്കിന് പത്ത് ശതമാനത്തിൽ താഴെ മാത്രം വിജയശതമാനമുള്ള എത്ര സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകളാണ് നിലവിലുള്ളത്; അവ ഏതെല്ലാം; വ്യക്തമാക്കുമോ;

എഫ്) എഞ്ചിനീയറിംഗ് വിദ്യാഭ്യാസം നിലവാരത്തകർച്ച നേരിടുമ്പോൾ എഞ്ചിനീയറിംഗ് പ്രവേശന അടിസ്ഥാനയോഗ്യത പരീക്ഷയിൽ ഗണിതശാസ്ത്രത്തിന് 50% - ൽ നിന്നും 45% മാർക്കായി കുറച്ചത് ഉന്നത വിദ്യാഭ്യാസ മേഖലയെ പിന്നോട്ട് തള്ളിവിടും എന്ന് കരുതുന്നുണ്ടോ;

ജി) 2013-14 ലെ എഞ്ചിനീയറിംഗ് യോഗ്യത പ്രവേശന പരീക്ഷയുടെ പ്രോസ്പക്യസിൽ ഗണിതശാസ്ത്രത്തിന് 50% മാർക്ക് ആവശ്യമാണെന്ന് കാണിക്കുകയും, തുടർന്ന് സ്വാശ്രയ എഞ്ചിനീയറിംഗ് മാനേജ്മെന്റുകളുടെ താല്പര്യങ്ങൾക്ക് വഴങ്ങി ആയത് 45% മാർക്ക് മതിയെന്നുള്ള സർക്കാർ തീരുമാനം ചട്ടവിരുദ്ധമല്ലെ; വിശദമാക്കുമോ;

എച്ച്) ആയതിനാൽ പ്രസ്തുത എഞ്ചിനീയറിംഗ് യോഗ്യത പ്രവേശന പരീക്ഷയിന്മേലുള്ള സർക്കാർ തീരുമാനം പുനപരിശോധിക്കുവാൻ തയ്യാറാകുമോ; വിശദമാക്കുമോ?

ഡി) സംസ്ഥാനത്തെ സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകളുടെ നിലവാരത്തെക്കുറിച്ച് പഠിക്കാൻ ഒരു സമിതിയെ രൂപീകരിച്ചിട്ടുണ്ട്. കൂടാതെ സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകളുടെ നിലവാരം ഉയർത്തുന്നതിനുള്ള നിർദ്ദേശങ്ങൾ അടങ്ങിയ ഉത്തരവുകൾ അനുബന്ധമായി ചേർക്കുന്നു.

ഇ) അവസാന വർഷത്തിൽ 10% ൽ താഴെ വിജയശതമാനമുള്ള സ്വാശ്രയ എഞ്ചിനീയറിംഗ് കോളേജുകൾ നിലവിലുള്ളതായി ശ്രദ്ധയിൽപ്പെട്ടില്ല.

എഫ്) AICTE നിബന്ധന പ്രകാരം , എഞ്ചിനീയറിംഗ് പ്രവേശനത്തിന് ജി) ഗണിതശാസ്ത്രത്തിന് 45% മാർക്ക് മാത്രമേ & ആവശ്യമുള്ള. എന്നാൽ നിലവിലുള്ള

എച്ച്) നിബന്ധനകൾക്ക് പുറമെ എഞ്ചിനീയറിംഗ് പ്രവേശനത്തിന് യോഗ്യതാ പരീക്ഷയിൽ ഗണിതശാസ്ത്രത്തിന് 50% നിന്ന് 45% മാർക്കായി കുറച്ചപ്പോൾതന്നെ ഊർജ്ജതന്ത്രത്തിനും രസതന്ത്രത്തിനും കൂടി 60% മാർക്കായി ഉയർത്തിയിട്ടുണ്ട്. ഇതുവഴി എഞ്ചിനീയറിംഗ് വിദ്യാഭ്യാസ നിലവാരം കുറയുകയില്ല എന്ന ഉറപ്പുവരുത്തിയിട്ടുണ്ട്. പ്രസ്തുത തീരുമാനം പുനപരിശോധിക്കേണ്ട സാഹചര്യം നിലവിലില്ല.

സെക്ഷൻ ഓഫീസർ



GOVERNMENT OF KERALA

Abstract

Higher Education - Technical - Guidelines for extension of approval/sanctioning new courses/increase in intake in the existing institutions - Orders issued.

HIGHER EDUCATION (J) DEPARTMENT

G.O.(Rt.) No.217/12/H.Edn.

Thiruvananthapuram, Dated 31/01/2012

Read:- 1) G.O.(Rt) No.1968/11/H.Edn. dated 03-12-2011.  
2) Minutes of the Expert Committee Meeting held on 06-01-2012.

ORDER

While the increase in number of Self-Financing Institutions has had a positive effect on improving accessibility to professional higher education in the State, it has also brought in its wake, concerns of quality about the standards of education imparted to the students who enroll in such institutions. The poor quality of education and related issues in this sector has come in for adverse criticism from various quarters. It has also engaged the attention and invited constructive directions of the Honourable High Court of Kerala.

Government are, in the interests of students, duty-bound to ensure that there is no downward slide in the quality of technical education in the State consequent to a rapid increase in the number of Self-financing institutions. In broad consonance with the policy of maintaining and improving quality in Technical Education in the State, an Expert Committee has been constituted for formulating criteria for sanctioning new Self-financing Colleges as well as new courses in the existing Self-financing Colleges vide the Government Order cited as 1<sup>st</sup> paper above. The Committee in its meeting held on 06-01-2012, discussed the matter in the light of Government policy of maintaining and improving quality in technical education and has submitted their first set of suggestions to Government to regulate growth of higher education through Self-financing institutions in the State without sacrificing the interest of the students who enroll in these institutions.

Government have examined in detail the recommendations of the Expert Committee and are pleased to fix the following conditions for the extension of approval of Self-financing colleges and sanctioning new courses in existing Self-financing colleges.

1. Extension of approval shall be granted to all the existing Self-Financing Institutions in the State for the year 2012-13. But for the year 2013-14, extension of approval will be granted only to the institutions with minimum running average pass percentage in the first appearance in all subjects (full pass) up to IV, VI and VII Semesters of 25%, 30% and 35% respectively and for the year 2014-15 at 30%, 35% and 40% respectively.

2. There shall be an initial period for all institutions to stabilize its academic operations before new courses are approved. From the year 2012-2013, for commencing new B.Tech Courses or for increase in intake of students in existing courses, the following conditions shall apply:
  - i. Only those institutions which have run B.Tech courses for 4 Semesters (i.e. whose first batch of students have reached at least V<sup>th</sup> Semester of the Course and whose results up to IV<sup>th</sup> Semester have been published), are eligible to apply for new B.Tech courses or for increase in the intake in the existing B.Tech course .
  - ii. Sanction will only be given to those institutions with minimum running average pass percentage in the first appearance in all subjects (full pass) up to IV, VI and VIII Semesters having a minimum of 35%, 40% and 45% respectively.
3. Only those institutions which have run B.Tech courses for 3 years (i.e whose first batch of students have reached at least VII<sup>th</sup> Semester of the Course and whose results up to VI<sup>th</sup> Semester have been published) will be eligible for starting M.Tech Courses. From the year 2012-2013, for new M.Tech courses in existing Self-financing institutions which offer B.Tech courses, only those institutions which have at least 7 faculty members with M.Tech Degrees in that branch of Engineering will be eligible. The minimum running average pass percentage in the first appearance in all subjects (full pass) up to VI<sup>th</sup> and VIII<sup>th</sup> Semesters shall be 40% and 50% respectively in the existing B. Tech courses.

The minimum pass percentages specified above in Paragraphs 1 to 3 shall be subject to review from time to time in the interest of encouraging quality technical education.

This Government Order shall also be disseminated on the official web site of the Directorate of Technical Education.

(By Order of the Governor)

Dr.K.M.ABRAHAM

Principal Secretary to Government

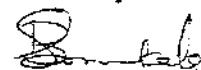
To

1. All Officers of and above the rank of Under Secretary in Higher Education Dept.
2. All Sections in Higher Education Department.
3. Member Secretary, AICTE, Chander Lok Building, Janpath New Delhi (with C/L)
4. Registrar (All Universities in Kerala except Agricultural University)
5. The Director of Technical Education, Thiruvananthapuram
6. The Director of Collegiate Education, Thiruvananthapuram.
7. The Director of Information & Public Relations Department (For publication)
8. Director IHRD/ LBS/CAPE/CCEK Centre, Thiruvananthapuram
9. Principal, Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram.
10. Stock file/Office copy.

Copy to:-

- I. Health & Family Welfare Department.
- II. Private Secretary to Minister (Education).
- III. PA to Principal Secretary, Higher Education Department.

Forwarded/ By Order



SECTION OFFICER



44/1077  
13/6

## GOVERNMENT OF KERALA

### Abstract

Higher Education - Technical - Guidelines for improving the quality of education - Orders issued.

### HIGHER EDUCATION (J) DEPARTMENT

G.O.(Rt.) No. 44/13/H.Edn.

Thiruvananthapuram, Dated 11/01/2013

- Read:- 1) G.O.(Rt) No.217/12/H.Edn. dated 31-01-2012.  
2) Orders of the Hon'ble High Court dated 18-01-2011 and 28-06-2012 in W.A.No.2014/10.  
3) Minutes of the Meeting held from 04-09-2012 to 07-9-2012 in the Chamber of the Principal Secretary (Higher Education).

### ORDER

In the light of the Orders of the Hon'ble High Court dated 18-01-2011 and 28-06-2012 in W.A.No.2014/10, Government have decided to implement the following measures with a view to improve the quality of technical education in the State.

1. Each College will submit a two year action plan with 6 monthly break up by 30<sup>th</sup> September in respect of improvement of infrastructure, qualification of existing faculty and improvement of results. The proforma for the action plan will be uploaded in the website of Director of Technical Education. The action plan submitted by the Colleges will be published in the website. A copy in physical form should be given to Government.
2. There will be half yearly reviews to ensure the effective implementation of the action plan.
3. To improve the academic quality of Engineering Colleges two filters were introduced in the eight semester courses in all engineering Colleges including Government Engineering Colleges and Government controlled Self-financing Engineering colleges. The two filters are as follows:
  - (a) A pass in 1<sup>st</sup> and 2<sup>nd</sup> semester is required for a student to become eligible for entry into the 6<sup>th</sup> semester and
  - (b) A pass in 3<sup>rd</sup> and 4<sup>th</sup> semester would be mandatory for entry into 8<sup>th</sup> semester.

(P.T.O.)

:: (2) ::

4. The Universities have to publish the results within 45 days after the examination.
5. All University examinations in Self-financing Colleges have to be video graphed.
6. The invigilators of University examinations in these colleges have to be selected from a Central Pool of invigilators maintained by the University and the teachers of a college shall not become the invigilators for examinations in the same college.
7. There should be a minimum sessional marks prescribed at the aggregate level in each semester. 50% of aggregate sessional marks is prescribed for a pass.
8. All the faculties of Self-financing colleges have to undergo Induction programmes in order to enhance the teaching ability/quality.
9. External examiners have to be made compulsory in Practical Examinations in case of Universities where such practice is not in vogue.
10. GATE score should be made a criterion for the selection of faculty in these colleges.
11. Examination Calendars have to be made uniform across Universities.
12. In line with directions of Hon'ble High Court, a consistent watch over the Colleges has to be maintained by the Universities. Universities have to be vigilant in maintaining the standards of these colleges in terms of infrastructure faculty and results.

(By Order of the Governor)

Dr.K.M.ABRAHAM

Principal Secretary to Government

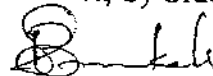
To

1. The Advocate General, Ernakulam (with C.L)
2. The Commissioner for Entrance Examinations, Thiruvananthapuram.
3. The Director of Technical Education, Thiruvananthapuram
4. Member Secretary, AICTE, Chander Lok Building, Janpath New Delhi (with C/L)
5. Registrar (All Universities in Kerala except Agricultural University)
6. The Director of Information & Public Relations Department (For publication)
7. Director IHRD/ LBS/CAPE/CCEK Centre, Thiruvananthapuram
8. Principal, Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram.
9. The Secretary, Kerala Self-financing Engineering College Managements' Association, O/o the Secretary, SNG College of Engineering, Kadayirippu, Kolenchery.
10. The Secretary, Kerala Catholic Engineering College Management's Association, Rajagiri School of Engineering & Technology, Rajagiri Valley, Kakkanad, Kochi.
11. All Officers of and above the rank of Under Secretary in Higher Education Dept.
12. All Sections in Higher Education Department.
13. Stock file/Office copy.

Copy to:-

- I. Private Secretary to Minister (Education).
- II. PA to Principal Secretary, Higher Education Department.

Forwarded/ By Order



SECTION OFFICER



GOVERNMENT OF KERALA

Abstract

Higher Education - Technical - Guidelines for improving the quality of education - Modified - Orders issued.

HIGHER EDUCATION (J) DEPARTMENT

G.O. (Rt.) No: 140/2013/H.Edn

Dated, Thiruvananthapuram, 31.01.2013

Read:-(1) G.O.(Rt) No.44/13/H.Edn. dated 11-01-2013.

(2) Letter dated 23-01-2013 from a group of students of Marian Engineering College, Menamkulam, Thiruvananthapuram addressed to Hon'ble Chief Minister.

ORDER

As per the G.O. read above, Government have issued a set of guidelines with a view to improving the quality of technical education in the State. Considering the various requests received in Government from students, Government are pleased to clarify that the clauses 3 (a) and (b) in the G.O.(Rt) No.44/13/H.Edn. dated 11-01-2013 are applicable to those students who got admission from the academic year 2012-13 onwards only

The Government Order read above stands modified to the above extend only.

(By order of the Governor )

T. J Varkey

Under Secretary to Government

To

- 1.The Advocate General, Ernakulam (with C.L)
- 2.The Commissioner for Entrance Examinations, Thiruvananthapuram.
- 3.The Director of Technical Education, Thiruvananthapuram
- 4.Member Secretary, AICTE, Chander Lok Building, Janpath New Delhi (with C/L)
- 5.Registrar (All Universities in Kerala except Agricultural University)
- 6.The Director of Information & Public Relations Department (For publication)
- 7.Director IHRD/ LBS/CAPE/CCEK Centre, Thiruvananthapuram
- 8.Principal, Sree Chitra Thirunal College of Engineering, Pappanamcode, Thiruvananthapuram.
- 9.The Secretary, Kerala Self-financing Engineering College Managements' Association, O/o the Secretary, SNG College of Engineering, Kadayirippu Kolenchery.

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10. The Secretary, Kerala Catholic Engineering College Management's Association, Rajagiri School of Engineering & Technology, Rajagiri Valley, Kakkanad, Kochi.
11. Sri. Eric E. Stephen and Others, 7th Semester students, Marian Engineering College, Menamkulam, Thiruvananthapuram.
12. All Officers of and above the rank of Under Secretary in Higher Education Dept.
13. All Sections in Higher Education Department.
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