

TS ECET - 2017

(FDH & B.Sc. (Mathematics))

(Conducted on behalf of TSCHE)

INSTRUCTION BOOKLET

Schedule for conducting of TS ECET-2017 is as follows:

1	Notification of TS ECET – 2017	13-03-2017 (Monday)
2	Commencement of submission of online application form	16-03-2017 (Thursday)
3	Registration Fee: For SC/ST candidates For others	Rs. 400/- Rs. 800/-
4	Last date for submission of Online Application form: (i) Without late fee (ii) With late fee of Rs. 500/- (iii) With late fee of Rs. 1,000/- (iv) With late fee of Rs. 5,000/- (v) With late fee of Rs. 10,000/-	15-04-2017 (Saturday) 20-04-2017 (Thursday) 25-04-2017 (Tuesday) 29-04-2017 (Saturday) 01-05-2017 (Monday)

The Registration fee has to be paid through online only using Credit card / Debit card / NetBanking.

DATE & TIME OF ENTRANCE TEST

6th May, 2017 (Saturday)
2.00 PM to 5.00 PM

CONVENER

TS ECET [FDH & B.Sc.(Mathematics)] – 2017
TS ECET Office, 1st Floor, College Main Building
JNTUH College of Engineering Hyderabad (Autonomous)
Jawaharlal Nehru Technological University Hyderabad
Kukatpally, Hyderabad – 500 085

SCHEME FOR ENTRANCE TEST

1. ENGINEERING STREAM

(A) For Diploma Holders:

Subjects for the test	Marks	Remarks
Mathematics	50	Common to all branches
Physics	25	Common to all branches
Chemistry	25	Common to all branches
Engineering Paper (Civil / Electrical & Electronics / Mechanical / Electronics & Communication /Computer Science / Chemical / Metallurgical / Mining / Electronics & Instrumentation / Bio-Technology as the case may be)	100	Separate question paper for Each Branch of Diploma Engineering

(B) For B.Sc. (Mathematics):

Subjects for the test	Marks	Remarks
Mathematics	100	---
Analytical Ability	50	---
Communicative English	50	---

2. PHARMACY STREAM

Subjects for the test	Marks	Remarks
Pharmaceutics	50	---
Pharmaceutical Chemistry	50	---
Pharmacognosy	50	---
Pharmacology	50	---

Note:

1. All the photographs submitted with the application must be exactly identical. Otherwise, Hall Tickets will not be issued. Such applications will be summarily rejected.
2. Candidates will not be allowed to submit their online application after the due date.
3. Candidates are not admitted to the examination after 2.00 P.M. and not permitted to leave the hall before 05.00 P.M.
4. The TS ECET-2017 test will be conducted in ONLINE mode only.
5. It is the responsibility of the candidate to ensure that he / she is answering the correct Question Paper of the branch for which he / she has applied.
6. The Question paper will be in English only.

GENERAL INSTRUCTIONS AND INFORMATION TO CANDIDATES APPEARING AT THE COMMON ENTRANCE TEST FOR DIPLOMA HOLDERS & B.Sc.(MATHEMATICS) DEGREE HOLDERS-2017. FOR ADMISSION (LATERAL ENTRY) INTO THE B.E./B.TECH./B.PHARM COURSES IN THE STATE OF TELANGANA FOR THE ACADEMIC YEAR 2017-18.

1. General:

This is a common application form for appearing at the Telangana State Engineering Common Entrance Test for Diploma Holders & B.Sc.(Mathematics) Degree Holders TS ECET [FDH & B.Sc.(Mathematics)] – 2017 for lateral entry into B.E./ B.Tech./ B.Pharm. courses in the State of Telangana. Before filling the application form, candidates are required to go through the information contained in this booklet which gives the requirements for appearing at TS ECET [FDH & B.Sc.(Mathematics)]-2017. The GOs issued earlier to conduct ECET before state bifurcation are adapted to conduct TS ECET-2017 by the Government of Telangana State according to G.O. Ms. No. 33 dated 31.12.2014.

2. Entrance Test:

2.1 A Common Entrance Test designated in full as Telangana State Engineering Common Entrance Test for Diploma Holders and for B.Sc.(Mathematics) Degree Holders and in short as TS ECET [FDH & B.Sc.(Mathematics)]-2017 will be conducted by JNT University Hyderabad on behalf of the Telangana State Council of Higher Education for the academic year 2017-18 in accordance with G.O.Ms.No:24 Education (EC) Department dated:18.03.2004, G.O.Ms.No:25, dated:28.06.2006 and G.O.Ms.No:19, dated: 02.02.2008 for Diploma Holders and G.O.Ms.No.57 (EC2) dated:12.05.2008 & G.O.Ms. No. 58 (EC2) dated:12.05.2008 for B.Sc.(Mathematics) degree holders, G.O. Ms. No. 15 (EC) dated 18.8.2014.

- (i) Lateral admission through common entrance test into 2nd year regular B.E. / B.Tech. Courses in All India Council for Technical Education approved both University and Un-aided Private Professional Institutions (Minority & Non-Minority).
and
- (ii) For lateral admission through Common Entrance Test into 2nd year Regular B. Pharmacy Courses in both University and private Un-aided professional institutions (Minority & Non-Minority) approved by Pharmacy Council of India.

Note: B.Sc.(Mathematics) degree holders are not eligible for admission into B. Pharmacy Courses.

2.2 Test Details:

The Entrance Test is of three hours duration and Question Paper consists of total 200 questions as per scheme of entrance.

All questions will be objective type (Multiple choices only). Each question carries one mark. Timings of Test are **02.00 PM to 05.00 PM** on **06.05.2017** (Saturday).

TS ECET [FDH & B.Sc.(Mathematics)]-2017 syllabus in Mathematics, Physics, Chemistry and Engineering specialization and separately for pharmacy is furnished for diploma holders and syllabus in Mathematics, Analytical Ability and Communicative English is furnished for B.Sc.(Mathematics) degree holders. The Model Questions for all the streams are also provided.

3. Regional Centers:

TS ECET [FDH & B.Sc.(Mathematics)]-2017 will be conducted at the following Regional Centres in Online mode only:

S.No.	Regional Center	Branches
1	Hyderabad	All branches of Engineering, B.Sc.(Mathematics) and Pharmacy
2	Warangal	
3	Karimnagar	
4	Khammam	

Convener, TS ECET [FDH & B.Sc.(Mathematics)]-2017 reserves the right to add or delete any Centre and allot candidates to test centre accordingly. The Centre allotted by the Convener, TS ECET [FDH & B.Sc.(Mathematics)]-2017 is final. No request for change of centre will be permitted.

4. Eligibility to appear for the Entrance Test:

Candidates should satisfy the following requirements to be eligible for appearing at the TS ECET [FDH & B.Sc.(Mathematics)]-2017 for lateral admission through Common Entrance Test into 2nd year regular B.E./B.Tech. courses in All India Council for Technical Education approved both University and Un-aided Private Professional Institutions (Minority & Non-Minority) and for lateral admission through Common Entrance Test into 2nd year Regular B. Pharmacy Courses in both University and Private Un-Aided Professional Institutions (Minority & Non-Minority) approved by Pharmacy Council of India.

- (i) They should be of Indian Nationality.
- (ii) They should belong to the State of Telangana/Andhra Pradesh. The candidates should satisfy local/non-local status requirements as laid down in the Andhra Pradesh Educational Institutions (Regulation of Admission) Order, 1974 as subsequently amended. The same is adapted to the state of Telangana G.O. Ms. No. 33 dated 31.12.2014.
- (iii) They should have obtained a Diploma in Engineering and Technology/ Pharmacy from the State Board of Technical Education of Telangana State / Andhra Pradesh or any other Diploma recognized by the Government of Telangana / Andhra Pradesh as equivalent there to for admission into the relevant B.E./ B.Tech./ B.Pharmacy courses into the Courses corresponding to the Diplomas as given in the following Annexure.

(OR)

They should have passed the 3-year B.Sc. Degree examination with Mathematics as one of the subjects in the group combination from a recognized University in the Telangana / Andhra Pradesh state or its equivalent for entry into relevant courses as given in the following Annexure.

- (iv) Candidates who are pursuing a Diploma course under sandwich pattern shall be eligible for entry into the relevant B.E./B.Tech./B. Pharmacy courses provided they have completed the practical training for the sandwich course before close of counseling for entry into the relevant course.
- (v) Candidates should have passed Diploma in Engineering and Technology/ Pharmacy/ B.Sc. (Mathematics) Degree as the case may be with at least 45% marks (40% in case of candidates belonging to reserved category) for entry into relevant courses.

Candidates should have appeared and qualified at the TS ECET-2017. Mere appearance at the Entrance Test does not automatically entitle a candidate to be considered for entry into any course unless the candidate satisfies the requirement of eligibility and other criteria laid down in the rules of admission.

Admission to 85% of the seats in each course shall be reserved for the local candidates and the remaining 15% of the seats shall be un-reserved seats as specified in the Andhra Pradesh Educational Institutions (Regulations and Admissions) Order, 1974 as subsequently amended. The same is adapted to the state of Telangana G.O. Ms. No. 33 dated 31.12.2014.

5. EXPLANATION OF LOCAL AND NON-LOCAL CANDIDATES: For purpose of these rules:-
The Local Candidate means:

(A) A candidate for admission shall be regarded as a local candidate in relation to a Local Area:

- (a) If he/she has studied in educational Institution or educational Institutions in such local area for a period of not less than four consecutive academic years ending with the academic year in which he/she appeared or as the case may be, first appeared in the relevant qualifying examination, **(or)**
- (b) Where, during the whole or any part of the four consecutive academic years ending with the academic year in which he/she appeared or, as the case may be, first appeared for the relevant qualifying examination, he/she has not studied in any educational Institutions, if he/she has resided in that local area for a period of not less than four years immediately preceding the date of commencement of the relevant qualifying examination in which he/she appeared or, as the case may be, first appeared.

(B) A Candidate for admission to the Course who is not regarded as local candidate under clause (A) in relation to any local area shall,-

- (a) If he has studied in educational Institutions in the State for a period of not less than seven consecutive academic years ending with the academic year in which he/she appeared or, as the case may be, first appeared for the relevant qualifying examination be regarded as a local candidate in relation to,-
 - (i) Such local area where he/she has studied for the maximum period out of said period of seven years, or
 - (ii) Where the period of his/her study in two or more local areas are equal, such local area, where he/she has studied last in such equal period,

OR

- (b) If, during the whole or any part of seven consecutive academic years ending with the academic year in which he/she appeared or, as the case may be, first appeared for the relevant qualifying examination, he/she has not studied in the educational Institutions in any local area, but has resided in the State during the whole of the said period of seven years, be regarded as a local candidate in relation to,-
 - (i) Such local area where he/she has resided for the maximum period out of the said period of seven years, or
 - (ii) Where the periods of his/her residence in two or more local areas are equal, such local area where he/she has resided last in such equal periods.

- (C) The following categories of candidates are eligible to apply for admission to the remaining 15% of un-reserved seats:
- (a) All the candidates eligible to be declared as local candidates.
 - (b) Candidates who have resided in the State for a total period of 10 years excluding periods of study outside the State or either of whose parents have resided in the State for a total period of ten years excluding period of employment outside the State.
 - (c) Candidates who are children of parents who are in the employment of this State or Central Government, Public Sector Corporations, Local Bodies, Universities and other similar quasi-public Institutions, within the State.
 - (d) Candidates who are spouses of those in the employment of the State or Central Government, Public Sector Corporations, Local Bodies, Universities and Educational Institutions recognized by the Government or University OR other competent authority and similar quasi Government Institutions within the State.

6. ELIGIBILITY BRANCHES FOR VARIOUS TS ECET PAPERS

TS ECET <i>ENGINEERING</i> SUBJECT PAPER	ELIGIBLE DIPLOMA CANDIDATES
Bio-Technology	Biotechnology, Pharmacy, Chemical Engineering
Chemical Engineering	Ceramic, Leather, Textile, Chemical Engineering, Chemical-Petrochemical, Chemical-Plastics & Polymers, Chemical-Oil Technology, Chemical-Sugar Technology
Civil Engineering	Civil, Civil-Construction Technology
Computer Science and Engineering	Computer, Electronics and Computer, Special Diploma in Electronics With Computer, Information Technology
Electronics and Communication Engineering	Electronics and Communication Engineering, Special Diploma in Electronics-Biomedical, TV and Sound, Industrial Electronics, Communication Engg, Embedded Systems, Applied Electronics and Instrumentation, Electronics and Instrumentation, Electronics and Telematics
Electrical & Electronics Engineering	Electrical & Electronics Engineering
Electronics and Instrumentation Engineering	Electronics and Instrumentation, Special Diploma in Electronics-Industrial Electronics, Applied Electronics and Instrumentation
Mechanical Engineering	Automobile Engineering, Footwear Technology, Industrial Engineering, Industrial Production Engineering, Jewellery Design and Manufacturing, Mechanical Engineering, Mechanical Engineering (Sandwich), Packaging Technology, Printing Technology
Metallurgical Engineering	Metallurgical Engineering
Mining Engineering	Mining Engineering, Industrial Engineering, Mechanical Engineering, Industrial Production Engineering
Pharmacy	Pharmacy
B.Sc. (Mathematics)	B.Sc. with Mathematics as one of the Optional Subjects

ANNEXURE

ELIGIBILITY BRANCHES BASED ON TS ECET PAPER APPEARED

DIPLOMA BRANCH CODE	Qualifying Exam Branch Name (Diploma)	TS ECET subject to appear for admission into relevant degree programme	Eligibility Branch of the degree course in Engineering/Pharmacy *
AEI	Applied Electronics and Instrumentation	ECE	CSE, ECE, ECS, ETM, INF, ETC
		EIE	AEI, CSE, EIE, ICE, INF, IST
AUT	Automobile Engineering	MEC	ANE, ASE, AUT, CSE, INF, IPE, MCT, MEC, NAM
BIO	Biotechnology	BIO	BIO, CSE, INF
BME	Bio-Medical Engineering	ECE	BME, CSE, ECE, ECS, ETM, INF, ETC
CCT	Civil Engineering (Construction Technology)	CIV	CEE, CIV, CSE, INF, GIN
CER	Ceramic Technology	CHE	CHE, CPE, CSE, INF
CHE	Chemical Engineering	BIO	BIO, CSE, INF
		CHE	CHE, CPE, CSE, INF, PET
CIV	Civil Engineering	CIV	CEE, CIV, CSE, INF, GIN
CME	Computer Engineering	CSE	CSE, CSS, ECM, INF
COT	Chemical (Oil Technology) Engineering	CHE	CHE, CPE, CSE, INF, PET
CPC	Chemical (Petrochemical) Engineering	CHE	CHE, CPE, CSE, INF, PET
CPP	Chemical (Plastics & Polymers) Engineering	CHE	CHE, CPE, CSE, INF, PET
CST	Chemical Engineering in Sugar Technology	CHE	CHE, CPE, CSE, INF, PET
ECE	Electronics and Communication Engineering	ECE	CSE, ECE, ECS, ETM, INF, ETC
ECM	Electronics and Computers Engineering	CSE	CSE, CSS, ECM, INF
EEE	Electrical and Electronics Engineering	EEE	CSE, EEE, INF, PWR
EIE	Electronics Instrumentation Engineering	ECE	CSE, ECE, ECS, ETM, INF, ETC
		EIE	AEI, CSE, EIE, ICE, INF, IST
EMB	Spl. Dip. In Electronics (Embedded Systems)	ECE	CSE, ECE, ECS, ETM, INF, ETC
ETM	Electronics And Telematics	ECE	CSE, ECE, ECS, ETM, INF, ETC
FWT	Footwear Technology	MEC	ANE, AUT, CSE, INF, IPE, MCT, M EC, NAM
INE	Industrial Engineering	MEC	CSE, INF, ANE, ASE, AUT, IPE, M CT, MEC, NAM
		MIN	MME, CSE, INF
INF	Information Technology	CSE	CSE, CSS, ECM, INF
IPE	Industrial Production Engineering	MEC	CSE, INF, ANE, ASE, AUT, IPE, M CT, MEC, NAM
		MIN	MME, CSE, INF

JDM	Jewellery Design and Manufacturing	MEC	ANE,AUT,CSE,INF,IPE,MCT,MEC,NAM
LT	Leather Technology	CHE	CHE,CPE,CSE,INF
MEC	Mechanical Engineering	MEC	ANE,AUT,CSE,INF,IPE,MCT,MEC,NAM,ASE,MNT
		MIN	MME,CSE,INF
MET	Metallurgical Engineering	MET	CSE,INF,MET,MMT
MIN	Mining Engineering	MIN	CSE,INF,MIN,MME
MSW	Mechanical (Sandwich) Engg.	MEC	ANE,AUT,CSE,INF,IPE,MCT,MEC,NAM,ASE
PHM	Pharmacy	BIO	BIO
		PHM	PHM
PKT	Packaging Technology	MEC	ANE,AUT,CSE,INF,IPE,MCT,MEC,NAM
PT	Printing Technology	MEC	ANE,AUT,CSE,INF,IPE,MCT,MEC,NAM
SCN	Spl. Dip. in Electronics (Communication) Engg.	ECE	CSE,ECE,ECS,ETM,INF,ETC
SCP	Spl. Dip. in Electronics (Computer) Engineering	CSE	CSE,CSS,ECM,INF
SEI	Spl. Dip. in Electronics (Industrial Electronics)	ECE	CSE,ECE,ECS,ETM,INF,ETC
		EIE	AEI,CSE,EIE,ICE,INF,IST
TVS	Spl. Dip. in Electronics (TV & Sound) Engineering	ECE	CSE,ECE,ECS,ETM,INF,ETC
TXT	Textile Technology (Sandwich, Knitting, Design and Manuf)	CHE	CHE,CPE,CSE,INF,TEX
BSC	B.Sc. (Mathematics)	BSM	Eligible for all B.Tech. / B.E courses except B.Pharm.

Course Code*	Name of The Course
ANE	Aeronautical Engineering
ASE	Aerospace Engineering
AUT	Automobile Engineering
BIO	Bio-Technology
BME	Bio-Medical Engineering
CEE	Civil and Environmental Engineering
CER	Chemical (Ceramic) Technology
CHE	Chemical Engineering
CIV	Civil Engineering
CPE	Chemical Petro Engineering
CSE	Computer Science and Engineering
CSS	Computer Science and Systems Engineering
CST	Computer Science and Technology
CVT	Civil Technology
ECE	Electronics and Communication Engineering
ECM	Electronics and Computer Engineering
ECS	Electronics Control Systems Engineering
EEE	Electrical and Electronics Engineering
EIE	Electronics and Instrumentation Engineering
ETC	Electronics and Telecommunication Engg.
ETM	Electronics and Telematics
GIN	Geo-Informatics
ICE	Instrumentation and Control Engineering

INF	Information Technology
IPE	Industrial Production Engineering
IST	Instrumentation Engineering and Technology
MCT	Mechanical (Mechtronics) Engineering
MEC	Mechanical Engineering
MET	Metallurgical Engineering
MIN	Mining Engineering
MME	Mining Machinery Engineering
MMT	Metallurgy and Material Engineering

Note: The admission will be given to the above listed B.E./ B.Tech. / B. Pharmacy courses subject to courses offered by the University / Private Colleges in the state.

7. Criteria for Admission:

The following order of preference shall be observed in considering Diploma Holders for admission into various courses:

- (i) For admission into Degree programme in Information Technology, first preference will be given to candidates who have obtained the Diploma in Information Technology. Any seats still vacant shall be filled with candidates who have obtained their Diploma in any branch of Engineering / Technology on the basis of their integrated merit ranking.
- (ii) For admission into Degree programme in Textile Technology, candidates who have obtained their Diploma in Textile Technology (Design & Manufacturing) and Textile Technology (Knitting) must necessarily have completed their Intermediate or equivalent with Mathematics, Physics and Chemistry as compulsory subjects.
- (iii) For admission into Degree programme in Bio-Technology, first preference will be given to candidates who have obtained the Diploma in Bio-Technology. Any seats still vacant shall be filled with candidates who have obtained their Diploma in Pharmacy or Chemical Engineering in the ratio of 1:1 respectively.
- (iv) Diploma Holders of Special Diploma course in Industrial Electronics & Instrumentation Engineering / Electronics & Instrumentation Engineering have to appear for TS ECET – FDH Examination in Electronics & Instrumentation Engineering only (EIE) for admission into Instrumentation Engineering (IE) / Electronics & Instrumentation Engineering (EIE) / Applied Electronics & Instrumentation Engineering / Instrumentation Control Engineering courses.

However, in all the cases, candidate shall fulfill the eligibility criteria as laid down in the relevant G.Os/Amendments/Notifications to be issued at the time of Admissions.

8. Qualifying marks in TS ECET [FDH & B.Sc.(Mathematics)]-2017.

The qualifying percentage marks for obtaining a rank in TS ECET [FDH & B.Sc.(Mathematics)]-2017 is 25% of the aggregate marks in the four subjects (three subjects for B.Sc. Mathematics) i.e., 50 marks out of a total of 200. However, in the case of SC/ST candidates, there shall be no minimum qualifying marks for ranking the candidates. The rank obtained with the benefit of relaxation of the minimum qualifying marks at the TS ECET [FDH & B.Sc.(Mathematics)]-2017 by any candidate claiming to belong to SC/ST category will be cancelled in case the claim is found to be invalid at the time of admission.

9. Evaluation and ranking at TS ECET [FDH & B.Sc.(Mathematics)]-2017:

- (i) The student will be ranked (Integrated Merit Rank) based on the marks obtained by him/her in the TS ECET [FDH & B.Sc.(Mathematics)]-2017 Examination.
- (ii) Every care will be taken to avoid errors in valuation, checking, scrutiny, tabulation and ranking. **Hence request for re-totalling, revaluation or personal identification of anything related to Online Examination will in no case be entertained.** Candidates will be ranked in the order of merit in TS ECET [FDH & B.Sc.(Mathematics)]-2017 separately in each branch of Engineering Course.
- (iii) As per G.O. Ms. No. 58 dated 12-05-2008, for admission into B.E. / B.Tech in Information Technology, first preference will be given to candidates who have obtained the diploma in Information Technology. Any seats still vacant shall be filled with candidates who have obtained their Diploma in any branch of Engineering / Technology on the basis of their integrated merit ranking obtained in TS ECET [FDH & B.Sc.(Mathematics)]-2017.
- (iv) As per G.O. Ms. No. 58 dated 12-05-2008, for admission into B.E. / B.Tech in Computer Science and Engineering, first preference will be given to candidates who have obtained the diploma in Computer Science Engineering. Any seats still vacant shall be filled with candidates who have obtained their Diploma in any branch of Engineering / Technology on the basis of their integrated merit ranking obtained in TS ECET [FDH & B.Sc.(Mathematics)]-2017.

The Integrated Merit Rank is based on the total marks obtained in TS ECET [FDH & B.Sc. (Mathematics)]-2017 by candidates with Diploma in any branch of Engineering/Technology.

v. (a) **Engineering:**

In case of a tie in aggregate, the marks obtained in Engineering subject, and in case of further tie the marks obtained in the Mathematics subject and if the tie still continues, the marks obtained in physics subject will be taken into account to decide the relative ranking. In case of candidates getting equal marks in each of the four subjects, they will be bracketed for the purpose of award of rank. Age of the candidate will be considered at the time of admission for resolving the tie, the older candidate being given preference.

(b) **Pharmacy:**

Candidates will be ranked on the basis of merit in TS ECET [FDH & B.Sc.(Mathematics)]-2017. In case of tie the percentage of marks secured in the qualifying examination will be taken into consideration. On further tie, age will be taken into consideration; the older candidate will be given priority at the time of admission.

(c) **B.Sc.(Mathematics):**

Candidates will be ranked based on the marks obtained in the entrance examinations. In case of a tie in aggregate, the marks obtained in Mathematics subject and in case of further tie the aggregate marks obtained in the qualifying examination shall be taken into account to resolve the tie at the time of admission. On further tie, age will be taken into consideration; the older candidate will be given priority at the time of admission.

- (vi) The rank cards can be downloaded from website www.ecet.tsche.ac.in as per the schedule.

10. General Information:

1. Any malpractice case will be dealt with as per rules of CETS in force.
2. The soft copies of candidate specific Question Paper with responses of TS ECET [FDH & B.Sc.(Mathematics)]-2017 will be preserved for six months from the date of publication of results after which time they shall be disposed.
3. In any litigation concerning TS ECET [FDH & B.Sc.(Mathematics)]-2017 the parties to be impleaded are Secretary, Telangana State Council of Higher Education, Hyderabad, Convener, TS ECET [FDH & B.Sc.(Mathematics)]-2017.
4. Any litigation concerning TS ECET [FDH & B.Sc.(Mathematics)]-2017 shall be within the jurisdiction of the High Court of Judicature at Hyderabad only.

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