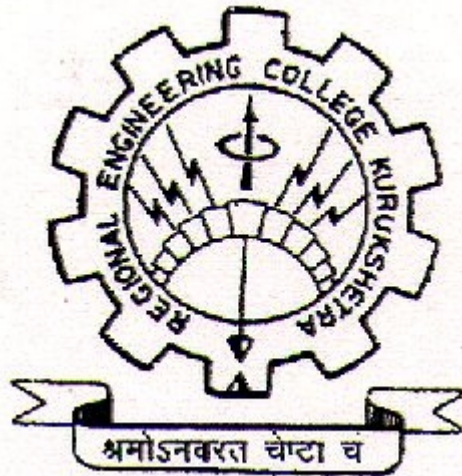


**INFORMATION BROCHURE
FOR
ADMISSION THROUGH CEET-2002
TO 4/5 YEARS B.TECH./B.E./ B.ARCH.
IN
ENGINEERING/TECHNOLOGY/ARCHITECTURE
COURSES
IN THE STATE OF HARYANA**

2002-2003



**REGIONAL ENGINEERING COLLEGE
KURUKSHETRA-136119**

PRICE:

At the Counter: Rs. 600/-

By Regd. Post : Rs. 650/-

**INFORMATION BROCHURE
FOR
ADMISSION THROUGH CEET-2002
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COURSES
IN THE STATE OF HARYANA
2002-2003**



**REGIONAL ENGINEERING COLLEGE
KURUKSHETRA-136119**

PRICE (FOR SC/ST/OBCs):

At the Counter: Rs. 150/-

By Regd. Post : Rs. 200/-

ADMISSION SCHEDULE FOR CEET- 2002
Organized by
REGIONAL ENGINEERING COLLEGE, KURUKSHETRA
for B.Tech./ B.E./ B.Arch. in
Engineering/ Technology/ Architecture Courses
in the State of Haryana

- | | |
|--|--|
| 1. Date of Entrance Test CEET-2002: | 01.06.2002 (Saturday)
(10.00 a.m. to 1.00 p.m.) |
| 2. Last date for submission of Application Form for CEET-2002: | 10.05.2002(Friday) |
| 3. Date of declaration of Result: | 15.06.2002(Saturday) |
| 4 (a). Last date for submission of application form
for Admission-2002 for other than NRI Seats: | 03.07.2002(Wednesday) |
| 4 (b). Last date for submission of application form
for NRI Seats of RECK, CRSCE, YMCA, CAET, GJUIET: | 19.08.2002(Monday) |
| 5. Date of conduct of Aptitude Test for B.Arch.: | 07.07.2002(Sunday) |
| 6. Tentative Date of start of counselling for Admission: | 17.07.2002(Wednesday) |
| 7. Tentative Date of finish of Ist Phase of counselling: | 14.08.2002(Wednesday) |
| 8. Start of Ist year Classes: | 19.08.2002(Monday) |
| 9. Counselling for NRI Seats of RECK, CRSCE, YMCA,
CAET, GJUIET: | 24.08.2002(Saturday) |
| 10. Notification of College wise vacancies for 2 nd counselling: | 25.08.2002(Sunday) |
| 11. Tentative Date of start of 2 nd Phase of counselling: | 28.08.2002(Wednesday) |
| 12. Tentative Date of finish of 2 nd Phase of counselling: | 02.09.2002(Monday) |
| 13. Meeting for reconciliation, including NRI Seats of
RECK, CRSCE, YMCA, CAET, GJUIET: | 05.09.2002(Thursday) |
| 14. Notification of College wise vacancies after 2 nd
counselling including RECK, CRSCE, YMCA, CAET, GJUIET: | 06.09.2002(Friday) |
| 15. Walk-in Counselling for such notified vacancies : | 09.09.2002(Monday) |
| 16. Admission to be made by the Managements of Self-
financing colleges at their level against the vacant seats: | 17.09.2002 to 30.09.2002 |
| 17. Second counselling for NRI Seats of RECK, CRSCE, YMCA,
CAET, GJUIET: | 30.09.2002(Monday) |
| 18. Final Cut-off date for admission in each category : | 30.09.2002(Monday) |

None would be informed of the date of counselling by post. However, the detailed schedule of counselling/ admission shall be published in the leading newspapers in the second week of July 2002. This information would also be available on website(s). No admission shall be made either by the Regional Engg. College, Kurukshetra or Managements of Self-Financing Engg. Colleges in the State after 30.9.2002, which is the final cut off date for making admission in Engg. Colleges in the State of Haryana.

Efforts shall be made to stick to the Schedule given above, but in exceptional circumstances beyond the control of the authorities concerned including force majeure conditions such as natural calamities, the Schedule may be changed with the approval of competent authority which will be published in leading newspapers and shall be placed on website(s) also.

THE SCHEDULE OF COUNSELLING WILL BE NOTIFIED IN THE NEWS PAPERS IN THE SECOND WEEK OF JULY, 2002. THE INFORMATION SHALL ALSO BE AVAILABLE ON WEBSITE(S).

IMPORTANT INFORMATION

1. Admission shall be made on all seats under each category (except NRI and Industry sponsored seats) based upon merit in CEET – 2002 only. NRI and Industry Sponsored seats shall be filled up based upon the merit in qualifying examination .
2. The Eligibility Criteria, Residence, Reservation Policy, Seats distribution, Number/Name of Institutions/Courses/Seats may be changed by the competent authority/State Govt. before the start of counselling.
3. An Engineering College/ Institute to be considered for admission for specific courses must have obtained approval from AICTE/ NOC by State Govt. and affiliation from the affiliating University as notified by the State of Haryana, one day before the start of first phase of counseling and submit the same before the start of first phase of counselling to Principal, Regional Engineering College, Kurukshetra (Central Admission Making Agency for 2002-2003) after taking written receipt for having submitted the information. Those Colleges/ Institutions which submit approval for a new college or additional course/ increase in intake in the existing College from competent authorities on the day of start of first phase of counseling or afterwards to Principal, REC, Kurukshetra shall be considered for admission for the year 2003-2004, if the approvals remain valid, even if the second and subsequent phases of counseling are held. Such Institutions/ Colleges will not be considered for second and subsequent phases of counselling (if held) as it requires giving opportunity to all candidates for re-exercising their options who have made their choice of seats in the first phase, which practically means conducting the counseling for all seats afresh. No management of the self-financing institution have a legal claim to be considered for admission for those courses which have not been simultaneously approved by AICTE/ State Govt./ Affiliating University (as per notification of the State Govt.), at least one day before the start of first phase of counseling and have not submitted the relevant papers to Principal, REC, Kurukshetra.
4. The last date for the receipt of application forms in the office of the Chairman (CEET-2002), Regional Engineering College, Kurukshetra is 10.5.02 (upto 5.00 p.m.). The College will not be responsible for any delay in postal transit/through Courier service.
5. Entrance Test (not required for NRI candidates) will be held on 01.06.2002 according to admission schedule in Information Brochure.
6. The candidates are advised to ensure their eligibility as per provisions made in the Information Brochure before appearing in the Entrance Test(s). They will be admitted in the Entrance Test(s) provisionally. Mere appearing in the Entrance Test(s) will not make them eligible for allotment of seats, which will be allotted after checking their eligibility in all respects, at the time of counselling by the competent authority.
7. If at any stage it is found that the candidate has supplied any incomplete or false/incorrect information in the Application Form, his/her candidature for the course will be cancelled and he/she will be liable for disciplinary action as per the University rules.
8. In the event of any inconsistency in the rules or any clarification thereof, the matter shall be referred to the competent authority for interpretation whose decision shall be final.
9. Candidates desirous of consideration of admission to B.Arch. shall have to appear in the Aptitude Test as a pre-requisite, to be organized by Regional Engineering College, Kurukshetra on 07.7.2002, at various centres in Kurukshetra. Such candidates must

indicate their willingness as required in the Admission Form, which is to be submitted after the declaration of CEET-2002 results.

10. **NRI and Industry sponsored seats pertaining to Regional Engineering College, Kurukshetra, CR State College of Engineering, Murthal, YMCA Institute of Engineering, Faridabad, College of Agriculture Engineering and Technology, CCSHAU, Hisar and GJU Institute of Engineering and Technology, Hisar shall be filled up by Regional Engineering College, Kurukshetra. Candidates are not required to appear in CEET- 2002 for these seats. However, they will submit the admission form to Principal, REC, Kurukshetra as per the schedule . Minimum eligibility criteria shall have to be fulfilled by these candidates also.**
11. **NRI's seats in self-financing institutions shall be filled up by the respective Managements by calling applications through newspapers, preparing merit lists based upon marks obtained in qualifying examination and notifying counselling schedule. The admission shall be made by the Managements in the presence of representative(s) of the affiliating University and Principal, REC, Kurukshetra. Minimum eligibility criteria shall have to be fulfilled by these candidates also.**
12. **Candidates qualifying from University/Board ,as per ANNEXURE-X, shall not be eligible for consideration of Admission. The list of such Universities / Boards as given is tentative and may get modified as per instructions received from the UGC / Concerned Office from time to time.**

OFFICERS OF THE REGIONAL ENGINEERING COLLEGE, KURUKSHETRA, CEET-2002

PRINCIPAL & CHAIRMAN, CEET-2002

Dr. N.P. Mehta

Tel.No.

01744-38083

01744-38050 (FAX)

CO-CHAIRMAN, CEET-2002

Dr. I.J.S. Lamba

01744-38494

CO-CHAIRMAN, CEET-2002

Dr. S.K.Chakarvarti

01744-38494

CO-ORDINATOR, CEET-2002

Dr. N.K. Gupta

01744-38494

REGISTRAR, RECK

Sh. R.P.S.Lohchab

01744-38122

E-Mail Address

ceethry@edumail.nic.inceethry@hotmail.com

Web-Sites

<http://www.reck.nic.in/>www.techeduhry.nic.inwww.haryana.nic.in

INTRODUCTION

In an effort to promote technical education and augment the growth of technical manpower in the ushering era of engineering and technology, Colleges/Institutes in the Government and private sector have been set up in the State of Haryana. In order to avoid duplication of efforts, the State Govt. has authorized Regional Engineering College, Kurukshetra to make admissions in Govt./Govt.Aided, Private Engineering Colleges/Institutions & Universities located in Haryana and other Regional Engineering Colleges for the seats reserved for the State of Haryana, Delhi & Union Territory of Chandigarh.

**THE COMMON ENGINEERING ENTRANCE TEST (CEET) - 2002
WILL BE HELD FOR ADMISSION TO :**

**4/5 YEARS B.TECH/B.E./B. Arch. in
ENGINEERING/TECHNOLOGY/ARCHITECTURE COURSES
IN THE STATE OF HARYANA
for
the year 2002-2003
organized by
REGIONAL ENGINEERING COLLEGE,
KURUKSHETRA-136 119**

The Information Brochure for CEET-2002 alongwith Application Form and Admission Form shall also be available on the websites by downloading the information from the following addresses :

www.reck.nic.in , www.techeduhry.nic.in and/ or
www.haryana.nic.in

NOTE :

The Application Form and Admission Form obtained from the websites can also be used. The candidate shall have to send a bank draft as per details given below, along with the Application Form for CEET-2002 and subsequently with Admission Form also, in favour of the Principal, REC, Kurukshetra, payable at REC Kurukshetra, SBI, Branch Code 6260. No such application form(s) without bank draft shall be accepted.

With CEET-2002 Form: Rs.600/- for General Category Candidates and Rs.150 for SC/ST/OBCs Category Candidates.

With Admission Form: Rs.250 for General Category Candidates and Rs.65/- for SC/ST/OBCs Category.

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PART-A

A-1 REGIONAL ENGINEERING COLLEGE, KURUKSHETRA

Regional Engineering College, Kurukshetra, affiliated to Kurukshetra University, Kurukshetra is a joint and cooperative enterprise of the Government of India and the State of Haryana. It was established in 1963 with the objective of imparting instructions and research facilities in different disciplines of Engineering and Technology for the advancement of learning and dissemination of technical knowledge and to provide continuous industrial interaction. The College is registered under the Societies Act managed and governed by an autonomous Board of Governors vested with full powers for administration and management of affairs of the College. At present, it offers courses of study leading to the 4-year B.Tech. Degree in Civil, Computer, Electrical, Electronics & Communication and Mechanical Engineering, M. Tech. Degree in Civil, Electrical, Electronics & Communication, Mechanical Engineering, Instrumentation and Ph.D. Degree in all above disciplines and in the various fields of Applied Sciences and Humanities.

Kurukshetra, steeped in history and mythology, is a place of great spiritual significance where Lord Krishna delivered the divine message of “Shrimad Bhagwad Gita”, and from where knowledge spread far and wide. This place was chosen as his capital by the King Harshawardhana.

Kurukshetra is located on the Delhi-Ambala section of Northern Railway, at about 160 km from Delhi. The College campus is about 5 km from Kurukshetra Rail Junction, and about 10 km from Pipli, a well known road junction on National Highway No.1 (Sher Shah Suri Marg).

A-2 PARTICIPATING INSTITUTIONS

The participating institutions include two government colleges in Haryana (RECK, CRSCE), two Universities colleges (GJUIET, CAET) one Government funded College (YMCA), 16 ORECs and 25 self-financing Colleges/ Institutions details of which are given in this Information Brochure. The participating institutions may be added/ deleted by the competent authority before the start of 1st phase of counselling

A-3 IMPORTANT NOTE

This Brochure contains all the relevant information regarding Common Engineering Entrance Test (CEET) and admission to Engineering /Technology/Architecture Courses for the session 2002-2003. There are two application forms - One for CEET and another for the Admission, besides 2 envelopes and 2 acknowledgement cards etc. The first application form for CEET is to be submitted for appearing in CEET-2002 whereas another application form for Admission is to be submitted ONLY AFTER DECLARATION OF CEET-2002 RESULT, as per schedule.

COMMON ENGINEERING ENTRANCE TEST-2002

For appearing in the test, the candidate must apply on the first Application Form to be inserted in the Envelope provided for the purpose. The application form should be submitted in person or be sent by Regd. Post to the Chairman (CEET-2002), Regional Engineering College, Kurukshetra on or before the last date prescribed for the same i.e., 10.05.2002.

A candidate desirous of consideration of the admission to the B.Arch. must also appear in the Aptitude Test to be conducted by REC, Kurukshetra on date 07.07.2002, at Kurukshetra, as a pre-requisite for consideration of admission to B.Arch. at various Institutes through CEET-2002:

ADMISSIONS-2002

After declaration of the Result of CEET-2002, the candidate on the basis of the rank obtained in the CEET-2002 should apply on the Admission Form application for admission enclosed in the prescribed envelope alongwith the relevant documents and Bank Draft for Rs. 250/-or Rs.450/-(inclusive of fee for Aptitude Test-2002)for General Category Candidates and Rs.65/-or Rs.115/-(inclusive of fee for Aptitude Test-2002) for SC/ST/OBCs Category Candidates, drawn in favour of the Principal, Regional Engineering College, Kurukshetra, arranged and attached serial-wise as mentioned in Part-C-3 in the brochure. The application form shall be submitted in person or be sent by Regd. Post to the Chairman (Admissions), Regional Engineering College, Kurukshetra-136119, on or before the last date prescribed for the same i.e. 03.07.2002.

COUNSELLING PROCEDURE FOR CEET ADMISSIONS-2002

1. At the time of counselling, the candidates will be required to exercise their choice for the institution and the course available at that point of time. The allotment of the seats shall be made strictly according to the merit and preference exercised by the candidates at the time of counselling. Option once exercised shall be final. If a candidate does not get institution/course of his /her choice, he/she may opt to be wait-listed. If a candidate opts for a course and institution before the counselling board and fails to join the concerned course/college within three days from the start of the classes, his/her candidature will stand cancelled. However, such candidate may appear again as a fresh candidate in the next counselling, if held, and he/she will be considered for admission as per merit subject to availability of seats at that time. The candidate who does not report on the due date of the counselling may be considered for admission as per the availability of seats at the time of his/her reporting.
2. The candidate reporting late on the scheduled date of counselling, may be considered for admission as per his/her choice subject to availability of seats at that point of time.
3. A candidate who reports for counselling on a scheduled date and time but submits defective certificate(s) may be considered for counselling/admission when he/she submits the correct and valid certificate(s) on any subsequent time and date of counselling. He/she would have to opt out from amongst the available seats at that moment of counselling. However, such candidates shall not have any claim whatsoever in terms of choice of a college or a branch.
4. After the first counselling is over, there will be readjustment of seats against any vacancy/drop outs by notifying the vacancies on the Notice Board of Regional Engineering College, Kurukshetra for the students who have already been admitted to various Colleges in different courses as per counselling schedule to be notified separately in the leading national dailies. The re-allocation of disciplines to the already admitted students in any situation would be done on the basis of CEET merit. The same procedure, if required, shall be followed at the end of the second phase of counselling.

Self-financing Colleges will fill up their vacant seats notified by Regional Engineering College, Kurukshetra, after completion of Walk-in counselling as mentioned in the Schedule and followed by Internal Sliding at the respective Institutes, in the presence of representative(s) of affiliating University and Principal, RECK, after calling the applications for vacant seats through advertisement in the leading newspapers indicating the scheduled date of counselling. Such vacant seats shall be filled up by the Managements first through the candidates who have appeared in CEET-2002, then from those who had appeared in AIEEE- 2002 conducted by CBSE, New Delhi based upon the merit in AIEEE- 2002. If seats still remain vacant, the same shall NOT be filled up further.

Internal sliding will be done at the Institute concerned also in the presence of representative(s) of the affiliating University and Principal, RECK.

5. In case of requirement of filling seats against vacancies/drop outs in RECK, the candidates already admitted to various ORECs would also be considered on merit for recounselling.

A-4 AVAILABILITY OF INFORMATION BROCHURE FOR CEET-2002 AND ADMISSIONS -2002

Request for Information Brochure by Regd. Post must be received on or before 30.04.2002 accompanied with a Demand Draft(Rs.650/- for General Category; Rs.200/- for SC/ST/OBCs categories), drawn in favour of the Principal , Regional Engineering College, Kurukshetra -136119 failing which the request will not be entertained.

The Information Brochure for the year 2002-2003 can also be had at counter on cash payment of Rs. 600/-(For General Category Candidates) and Rs.150/-(For SC/ST/OBCs Categories) from any of the following places. The SC/ST/OBCs Category Candidates shall have to submit an attested copy of the relevant and valid SC/ST/OBCs Certificate along with Application Form for appearing in the CEET-2002, failing which he/she will not be allowed to appear in CEET-2002:

1. REGIONAL ENGINEERING COLLEGE, KURUKSHETRA. Tel : 01744 - 38494
2. C.R. STATE COLLEGE OF ENGINEERING , MURTHAL (SONEPAT) Tel : 01264 - 482635
3. COLLEGE OF AGRICULTURE AND TECHNOLOGY, CCSHAU, HISSAR Tel : 01662 - 34613
4. DARONACHARYA COLLEGE OF ENGINEERING, SECTOR 4, GURGAON Tel : 0124 - 6307274
5. DIRECTORATE OF TECHNICAL EDUCATION HARYANA, SCO 38-39, SECTOR 17-A, CHANDIGARH Tel : 0172 - 721581
6. DOON VALLEY COLLEGE OF ENGG. & MGMT., JUNDLA GATE, KARNAL Tel : 0184 – 254670
7. GGS INDRAPRASTHA UNIVERISTY, KASHMIRI GATE, NEW DELHI.
8. GOVT. POLYTECHNIC, AMBALA CITY Tel: 0171 - 2556008
9. GOVT. POLYTECHNIC, SIRSA Tel: 01666 - 40654
10. GURU JAMBHESHWAR UNIVERSITY, HISAR Tel : 01662 – 76192
11. HARYANA ENGG. COLLEGE, OLD CHHACHHRAULI ROAD, JAGADHARI Tel : 0171 – 3746403
12. HARYANA BHAWAN, COPERNICUS MARG, NEW DELHI. Tel : 011 - 3386131
13. HARYANA COLLEGE OF TECHNOLOGY AND MANAGEMENT, KAITHAL Tel : 01746 - 80100
14. INSTT. OF HOTEL MANAGEMENT & CATERING, MODEL TOWN, PANIPAT Tel : 01742-5650222
15. JIND INSTT. OF ENGG. & TECHNOLOGY, SAFIDON ROAD, JIND Tel : 01681 – 56466
16. LINGAYA'S JAN KALYAN SIKSHAN SANSTHAN, C-181, SARVODAYA ENCLAVE, NEW DELHI Tel :011-6510195

17. MAHARISHI DAYANAND UNIVERSITY, ROHTAK Tel : 01262 – 74640
18. P.D.MEMORIAL COLLEGE OF ENGG., SARAI AURANGABAD, BAHADURGARH Tel : 0118 - 317901
19. SETH JAI PARKASH MUKAND LAL INSTITUTE OF ENGINEERING AND TECHNOLOGY, RADAUR (YAMUNA NAGAR) Tel : 0171 – 3784195
20. SOMANY INSTITUTE OF TECHNOLOGY & MANAGEMENT, GARHI BOLNI ROAD, 3 KILOMETER FROM NATIONAL HIGHWAY-8, REWARI. Tel : 01274 – 27385
21. TECHNOLOGICAL INSTITUTE OF TEXTILE & SCIENCES , BHIWANI Tel : 01664 - 42561
22. Y.M.C.A. INSTITUTE OF ENGINEERING, SECTOR-6, FARIDABAD Tel : 0129 - 5242142

FOR ANY FURTHER CLARIFICATION /ENQUIRY, PLEASE CONTACT AT PHONE NO.: 01744-38494; FAX NO.: 01744-38050, E-mail : ceethry@hotmail.com

A-4 PARTICIPATING COLLEGES/INSTITUTES

Sr No.	Institution	Abbreviation
A. Regional Engineering Colleges.		
1.	Allahabad, Moti Lal Nehru Regional Engg. College.	M N R
2.	Bhopal, Maulana Azad College of Technology	MACT
3.	Calicut, Regional Engineering College	RECC
4.	Durgapur, Regional Engineering College	RECD
5.	Hamirpur, Regional Engineering College	RECH
6.	Jaipur, Malviya Regional Engineering College	MREC
7.	Jalandhar, Dr. B.R.A. Regional Engineering College	BRAREC
8.	Jamshedpur, Regional Institute of Technology	RIT
9.	Kurukshetra, Regional Engineering College	RECK
10.	Nagpur, Visvesvaraya Regional College of Engineering	VRCE
11.	Rourkela, Regional Engineering College	RECR
12.	Silchar, Regional Engineering College	RECS
13.	Srinagar, Regional Engineering College	RECJK
14.	Surat, Sardar Vallabhbhai Regional College of Engineering	SVRCE
15.	Surathkal, Karnatka Regional Engineering College	KREC
16.	Tiruchirapalli, Regional Engineering College	RECT
17.	Warangal, Regional Engineering College	RECW
B. Government/ Government Funded/ University		
1.	Faridabad, YMCA Institute of Engineering	YMCA
2.	Hisar CCS, HAU, College of Agricultural Engg. & Tech.	CAET
3.	Hisar, Guru Jambheshwar Instt. of Management & Tech.	GJUIET
4.	Murthal (Sonapat) C.R. State College of Engineering	CRSCE
C. Self-financing Colleges/ Institutions		
1.	Asthal Bohar (Rohtak), Shri Baba Mast Nath College of Engg.	BMN
2.	Barwala (Panchkula), Swami Devidayal Instt of Computers & I.T	SDICIT
3.	Behal (Bhiwani), B.R.C.M. College of Engg. & Technology	BRCET
4.	Bhiwani, The Technological Institute of Textile & Sciences	TIT
5.	Dhauj, (Faridabad), AL-FALAH School of Engineering & Technology	ALFSE
6.	Faridabad, B.S. Anangpuria Instt. of Tech. & Management	BSAITM
7.	Faridabad, Career Institute of Technology & Management	CITM
8.	Faridabad, Lingaya's Institute of Management & Technology	LIMT
9.	Gurgaon, Dronacharya College of Engg., Farrukh Nagar	DCE

10. Gurgaon, Institute of Technology & Management	ITM
11. Israna (Panipat), NC College of Engineering.	NCCE
12. Jagadhari (Yamuna Nagar), Haryana Engineering College	HEC
13. Jind, Institute of Engineering & Technology	JIET
14. Kaithal, Haryana College of Technology & Management.	HCTM
15. Karnal, Doon Valley Instt. of Engg. & Technology	DVIET
16. Kurukshetra, Shri Krishna Institute of Engg. & Tech.	SKIET
17. Mullana (Ambala), Maharishi Markandeshwar Engg. College	MMEC
18. Radaur (Yamunanagar) Seth Jai Parkash Mukand Lal Institute of Engg. & Technology	SJP
19. Rewari, Somany Instt. of Tech. & Management	SITM
20. Rohtak, Vaish College of Engineering	VCE
21. Sarai Aurangabad, (Jhajjar), P.D. Memorial College of Engg.	PDMCE
22. Sohna (Gurgaon), APEEJAY College of Engineering	APJ
23. Sonapat, B.M. Institute of Engg. & Technology	BMIET
24. Sonapat, Hindu College of Engg.	HCE

Note : The list of participating Colleges ,Disciplines/Intake is subject to revision by the Competent Authority before the start of 1st phase of counselling.

Important Note No. 1

Admission in Baba Mast Nath College of Engineering, Asthal Bohar, Rohtak shall be provisional subject to final decision of Hon'ble High Court in CWP No. 11286 of 2000 in which the affiliation of the petitioner trust/ college is under challenge. The relevant part of the interim order of the Hon'ble Punjab and Haryana High Court while granting stay order for disaffiliation of the college reads as under :

“That the respondent University will allocate the students to be admitted to the institutions run by the petitioner trust specifically making it clear to the students that the affiliation of the institutions run by the petitioner subject to the result of this petition.”

The matter is also under the consideration of Hon'ble Supreme Court through SLP No. 20031 of 2001 filed by the trust controlling Baba Mast Nath College of Engineering, Asthal Bohar. The candidates taking admission in this college shall have to abide by the judgements of the Hon'ble Courts.

Important Note No. 2

The admission in Anupama College of Engineering, Bilaspur Chowk, Pataudi Road, Delhi-Jaipur National Highway No. 8, Gurgaon is not being made as per spirit of interim orders dated 28-9-2001 of Hon'ble Punjab and Haryana High Court in CWP No. 18070 of 2000 the relevant part of which reads as below :

“----- Meanwhile, the petitioner college is directed not to start with the classes for the year 2001-2002 till further orders. It will also not admit any further students for this academic year”

DISCIPLINES

1.	Agriculture	AGRI
2.	Applied Electronics & Instrumentation Engg.	AEIE
3.	Architecture/Architecture Engg.	ARCH
4.	Chemical	Ch
5.	Chemical & Bio Engineering	CHBE
6.	Civil	C
7.	Computer/Computer Science & Engg./Computer Engg.	CO
8.	Electrical	E
9.	Electrical & Electronics Engg.	EE
10.	Electronics & Communication Engg.	ECE
11.	Electronics & Instrumentation Control	ECIC
12.	Electronics Engg.	EC
13.	Industrial Engg.	IE
14.	Information Technology	IT
15.	Instrumentation & Control	I&C
16.	Leather Technology	LT
17.	Mechanical	M
18.	Mechanical Machine Design & Automation Engineering	MMD&AE
19.	Metallurgy	MET
20.	Mining Engineering	MIN
21.	Production Engineering	PE
22.	Structural Engg. & Constructional Management	SECM
23.	Textile	TEX
24.	Textile Chemistry	TC
25.	Textile Technology	TT

OTHER ABBREVIATIONS

1.	Scheduled Caste (Block A)	SC (A)
2.	Scheduled Caste (Block B)	SC (B)
3.	Scheduled Tribe	ST
4.	Backward Class (Block A)	BC(A)
5.	Backward Class (Block B)	BC (B)
6.	Physically Handicapped	PH
7.	Ex-Serviceman	ESM
8.	Residents of Murthal	ROM
9.	Physics, Chemistry, Mathematics	PCM
10.	Children/Wards of Freedom Fighters	CFF
11.	Union Territory of Delhi & Chandigarh	UT
12.	Common Engineering Entrance Test -2002	CEET
13.	Guru Jambheshwar University, Hissar	GJU
14.	All India Engineering Entrance Examination-2002	AIEEE-2002
15.	Other Regional Engineering Colleges	ORECs

PART-B

IMPORTANT INSTRUCTIONS

Besides what has been described under **IMPORTANT INFORMATION**, the candidates must also read carefully the following :

1. The last date for the receipt of complete application form for CEET-2002 in the office of the Chairman (CEET-2002), Regional Engineering College, Kurukshetra is 10.5.2002 (5.00 p.m.)

APPLICATIONS RECEIVED LATE DUE TO POSTAL/COURIER DELAYS OR OTHERWISE SHALL NOT BE CONSIDERED.

2. The RECK shall not have any responsibility for the application delivered to any other office/person of the RECK other than the office of the Chairman (CEET).

3. The candidate is to send only one Application Form for CEET-2002 under one cover (envelope).

4. The candidate shall attach self-addressed envelope (stamped Rs.5/-) for the receipt of the Acknowledgement. If the application form is sent by a courier, the College shall not be responsible in any way if it is misplaced or delivered late to CEET Section.

5. No column of Application Form should be left blank. Incomplete Application Form is liable to be rejected summarily.

6. No change in the centre, once allotted to a candidate for appearing in the CEET-2002, shall be allowed.

7. The result of the CEET-2002 shall be declared on 15.06.2002. The result shall be available on the official websites www.reck.nic.in , www.techeduhry.nic.in and/or www.haryana.nic.in It may also be made available at all the Centres of CEET-2002 where the Test was conducted.

8. The Counselling schedule shall be notified in the newspapers in the second week of July, 2002. The schedule shall also be displayed on the above-mentioned web-sites and notice boards of RECK, YMCA, Guru Jambheshwar University, Hissar and Maharishi Dayanand University, Rohtak.

9. There shall be no re-evaluation of Answer Sheets and no request in this regard shall be entertained.

10. All disputes relating to the CEET-2002 shall be subject to Kurukshetra Jurisdiction.

B-1 ELIGIBILITY FOR CEET-2002

Candidates are advised to ensure their eligibility as per provisions made in the Information brochure before appearing in the entrance test. They will be admitted in the entrance test provisionally. Mere appearing in the entrance test will not make them eligible for allotment of a seat, which will be allotted after checking their eligibility in all respects, at the time of counselling by the competent authority.

B-2 SUBMISSION OF APPLICATION FORM

A candidate desirous of taking the CEET-2002 should send his/her application form filled in his/her own handwriting, complete in all respects and addressed to the Chairman (CEET-2002), Regional Engineering College, Kurukshetra-136119, under Registered Cover in the envelope provided for the purpose alongwith stamped Acknowledgement Card duly filled in.

Last date for the receipt of complete Application Form for CEET-2002 in the office of Chairman (CEET), Regional Engineering College, Kurukshetra is 10.5.2001 (Friday) by 5.00 p.m.

Last date for the receipt of complete Application Form for admission after declaration of CEET-2002 result, in the office of the Chairman (Admissions), Regional Engineering College, Kurukshetra is 03.07.2002(Wednesday) by 5.00 p.m.

APPLICATION RECEIVED LATE DUE TO POSTAL/COURIER DELAYS OR OTHERWISE WILL NOT BE CONSIDERED.

B-3 CENTRE ALLOCATION

i) The Test Centres shall be at Ambala, Bhiwani, Chandigarh, Delhi, Faridabad, Gurgaon, Hisar, Jind, Kurukshetra, Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonapat and Yamuna Nagar.

ii) The Centre allotted to a candidate will be indicated on the Admit Card.

iii) The Centres may be added/ deleted without assigning any reason.

iv) NO CHANGE IN THE CENTRE ONCE ALLOTTED TO A CANDIDATE FOR APPEARING IN CEET-2002 WILL BE ALLOWED.

B-4 ADMIT CARD

I) No candidate will be admitted to the Examination Hall unless he/she produces the valid Admit Card.

II) The Admit card, indicating Roll.No. and Centre, will be sent to all the candidates by Post. If any candidate does not receive the same one-week before the Test, he/she should

contact personally the Chairman (CEET), Regional Engineering College, Kurukshetra with an attested passport size photograph upto two days preceding the Test date.

III) CANDIDATE MUST PRESERVE THE ADMIT CARD AFTER CEET-2002. THIS WOULD BE REQUIRED TO BE PRODUCED LATER AS DOCUMENT AT THE TIME OF COUNSELLING FOR ADMISSION.

B-5(A) CONDUCT OF CEET-2002

I) There will be a composite question paper in the form of Booklet for CEET-2002 consisting of 60 Objective Type Multiple Choice Questions in each of the subjects of Mathematics, Physics and Chemistry. **There will be no negative marking.**

II) The medium of examination shall be English.

III) The total duration of the Test shall be 3 hours.

IV) THERE SHALL BE NO RE-EVALUATION OF ANSWER SHEET AND NO REQUEST IN THIS REGARD SHALL BE ENTERTAINED.

V) The examination will be held on 01.6.2002 (Saturday) from 10.00 a.m. to 1.00 p.m. The candidates shall not be allowed to enter the Examination Hall after 10.10 a.m. and to leave the Examination Hall before 1.00 p.m.

VI) The Test shall stand cancelled for a candidate who:

a) is impersonated by someone in CEET-2002. Besides, the legal proceedings may also be contemplated;

b) misbehaves in or around the Examination Hall;

c) creates disturbance of any kind during the examination;

d) refuses to obey the instructions from Superintendent/Supervisors/ Observers or any other Authority/Personnel appointed for the conduct of CEET-2002

e) is either in possession of or has access to any incriminatory material i.e. papers, slips, notes, books, etc. that may amount to unfair means;

f) is found giving or receiving assistance or copying from any paper/book or notes or allowing others to copy from his/her Answer Sheet;

g) is found talking/communicating with another candidate in the examination hall;

h) is found tearing/ removing the page (s) of Question Booklet or noting down the text/answers to the questions;

i) wilfully conceals or suppresses any information/fact which renders a candidate ineligible to take the CEET-2002.

VII) All disputes relating to the CEET-2002 will be subject to Kurukshetra Jurisdiction.

B.5(B) CONDUCT OF APTITUDE TEST-2002 FOR B.ARCH.

As per the decision communicated by the Executive Committee of the Council of Architecture, a separate aptitude test in Architecture is required to be held in order to assess the aptitude of the candidate to pursue the course in Architecture and to train and make available right professionals. A candidate desirous of pursuing B.Arch. course without undergoing aptitude test in Architecture for admission to the Architecture course may not be eligible for registration as an Architect under the Architects Act-1972. As such the aptitude test for the admissions to B.Arch. courses shall be conducted prior to the Admission counselling for engineering and other courses with the details as under:

- | | | |
|----|------------------------|--------------------|
| 1. | Date of Test | 07.07.2002(Sunday) |
| 2. | Venue | REC, Kurukshetra |
| 3. | Aptitude Test Details: | |

The test shall consist of two papers: Test-I - Aesthetic Sensitivity 100 Marks of Duration 2 hours, Test-II - Drawing 100 Marks duration 2 hours.

4. Syllabi: Please see under B-11, next to the Syllabi for CEET-2002
5. Test Fee : As mentioned in the Admission Form and in the Brochure.

NOTE:For qualifying this test for consideration of admission to B.Arch. a candidate shall have to obtain minimum 25% marks in aggregate in this test. However, this can be relaxed by the Chairman, CEET-2002.

THERE SHALL BE NO RE-EVALUATION OF ANSWER SHEET AND NO REQUEST IN THIS REGARD SHALL BE ENTERTAINED.

ALL INSTRUCTIONS FOR QUESTION BOOKLET WOULD BE MADE AVAILABLE ON THE QUESTION BOOKLET ITSELF. CANDIDATES ARE REQUIRED TO READ THEM CAREFULLY BEFORE PROCEEDING.

B-6 INSTRUCTIONS FOR QUESTION BOOKLET FOR CEET-2002

i) Candidates will be given a Question Booklet and Answer Sheet immediately after taking seat. They are advised to read and follow the instructions on front and back-page of the Question Booklet carefully.

ii) There is Question Booklet number mentioned on the front page, which every candidate must carefully fill in the appropriate place on the Answer Sheet.

iii) Candidate must sign on the front page of the Question Booklet at the appropriate place marked for this purpose.

iv) The Question Booklet has paper seals pasted on it. Candidate should open the Question Booklet by breaking the paper seals only when they are asked to do so by the invigilator.

v) Candidate may check that Question Booklet has 180 questions (60 in Mathematics, 60 in Physics and 60 in Chemistry) immediately after breaking the seal. In case any defect in the Question Booklet is found, invigilator may be requested to change the same immediately after 10.00 a.m. but not later than 10.10 a.m.

vi) The Question Booklet and the Answer Sheet must be returned to the Invigilator before leaving the Hall at 1.00 p.m.

B-7 INSTRUCTIONS FOR ANSWER SHEET FOR CEET-2002

i) A dummy sample of the Answer Sheet is available in this Brochure.

ii) Use good quality HB pencil/Ball point pen strictly as directed on the Answer Sheet.

iii) Do not fold or put any stray mark, nor do any rough work on the Answer Sheet.

iv) Fill in the Roll No. (8 digits) and Question Booklet No. (6 digits) printed on front page of the Question Booklet in the proper blocks as directed on the Answer Sheet.

v) Sign at the appropriate place on the Answer Sheet with Ball Pen.

B-8 CEET-2002 RESULT & ADMISSION FOR CEET-2002

Every effort would be made to ensure that the result of the CEET-2002 be declared on 15.06.2002. Result would be communicated individually to all the candidates and will also be available at official website(s) www.reck.nic.in , www.techeduhry.nic.in and /or www.harvana.nic.in as well as at the centre of CEET where the candidate has appeared.

The result of the CEET-2002 shall not ipso-facto entitle any candidate to get admission in an institute where he/she intends to seek admission. After the declaration of CEET-2002 result, the candidates should apply on Application Form for admission to Chairman(Admission), Regional Engineering College, Kurukshetra for admission to any of the Engineering institutes for which CEET-2002 was conducted . His/her eligibility for admission will be determined as per the conditions mentioned in this Brochure.

B-9 MERIT RANKING CRITERIA/BASIS OF SELECTION FOR CEET-2002

The admission to the 4 year Engineering/Technology/ Agriculture Engg, 5 year Architecture Courses at the institutes in the year 2002-2003 will be made on the basis of CEET conducted by Regional Engineering College, Kurukshetra on 01.06.2002 and subject to the fulfillment of academic and other eligibility conditions as given in the Information brochure.

As mentioned earlier, candidates desirous of consideration of admission to B.Arch. shall have to appear and qualify the Aptitude Test as a pre-requisite, to be organized by Regional Engineering College, Kurukshetra at 10 a.m. on 07.07.2002, at REC, Kurukshetra. Such candidates must indicate their willingness as required in the Admission Form, which is to be submitted after the declaration of CEET-2002 results and before the stipulated last date.

The inter-se merit of the candidates securing equal aggregate marks in the CEET-2002 will be determined by the following criteria :-

- a) Candidates getting higher marks in Mathematics in the CEET-2002 shall rank higher in order of merit.
- b) In case of a tie in the criterion (a) above, candidate getting higher marks in Physics in the CEET-2002 shall rank higher in order of merit.

Further to the Merit Ranking Criteria given above, the inter-se-merit of the candidates securing equal rank in the CEET will be determined by the following criteria:

- i) A candidate getting higher marks in aggregate of percentage in PCM in the qualifying examination (10+2 or equivalent) after giving equal weightage to each subject shall rank higher in order of merit.
- ii) In case of a tie in criterion (i) above, a candidate older in age shall rank higher in order of merit.

B-10 SYLLABI FOR CEET - 2002

CHEMISTRY (60 MARKS)

ATOMIC STRUCTURE

Dual nature of matter and radiation, de Broglie equation, uncertainty principle, orbitals and quantum numbers, shapes of s, p and d orbitals, electronic configuration, atoms, molecules, molecular orbital method.

PERIODIC PROPERTIES OF ELEMENTS

Modern periodic law, periodic trends in properties (atomic radii, ionization energy, electron affinity, electro negativity, valence).

CHEMICAL BONDS AND MOLECULES

Chemical bonds (ionic, covalent, coordinate), hybridization, shapes of molecules (VSEPR theory), valence bond theory and molecular orbital theory of covalent bond, molecular orbital description of homonuclear diatomic molecules, hydrogen bond, resonance, metallic bond (elementary treatment).

SOLID STATE

Structure of simple ionic compounds, close-packed structures, ionic radii, silicates (elementary ideas), imperfection in solids (point defects only), properties of solids, amorphous solids.

CHEMICAL THERMODYNAMICS

Energy changes during a chemical reaction, First law of Thermodynamics (internal energy, enthalpy, applications of First law of Thermodynamics), Second law of Thermodynamics (entropy, free energy), spontaneity of a chemical reaction, free energy change and chemical equilibrium, free energy as energy available for useful work, Third law of Thermodynamics.

CHEMICAL EQUILIBRIUM

Law of mass action, chemical equilibrium, effects of changing the conditions of systems, of equilibrium, (change of concentration, pressure and temperature, LeChatelier principle), ionization of electrolytes, weak and strong electrolytes, various concepts of acids and bases, ionization of water, pH, solubility product, numericals based on these concepts.

CHEMICAL KINETICS

Rate of chemical reaction, rate expression, units of rate constant and specific rate constant, order of reaction (first order reaction only), concentration and temperature dependence of rate constant, fast reactions (elementary idea), mechanism of reactions (elementary idea), photochemical reactions.

SOLUTIONS

Types of solutions, Raoult's law, colligative properties of dilute solutions, calculation of molecular masses, electrolytic solution, abnormal molecular masses.

ELECTROCHEMISTRY

Electrolysis, electrolytic conductance (specific, equivalent and molar conductances), Voltaic/galvanic cell, electrode potential and electromotive force, Gibb's free energy and cell potential, primary cells including fuel cell, Corrosion.

SURFACE AND CATALYSIS

Adsorption, colloids, preparation and general properties, emulsion, micelles, homogeneous and heterogeneous catalysis, structure of catalysts and theories of catalysis.

NUCLEAR CHEMISTRY

Nature of radiation from radioactive substances, nuclear structure and nuclear properties, nuclear reactions, radioactive disintegration series, artificial transmutation of elements, nuclear fission and fusion, isotopes and their uses, radio carbon dating, synthetic elements.

CHEMISTRY OF REPRESENTATIVE ELEMENTS

The chemistry of s and p-block elements, electronic configuration, general characteristics, properties and oxidation states of the following:

Group 1	Elements:	Alkali metals
Group 2	Elements:	Alkaline earth metals
Group 13	Elements:	Boron family
Group 14	Elements:	Carbon family
Group 15	Elements:	Nitrogen family
Group 16	Elements:	Oxygen family
Group 16	Elements:	Oxygen family
Group 17	Elements:	Halogen family; Hydrogen
Group 18	Elements:	Noble gases

TRANSITION METALS INCLUDING LANTHANIDES

Definitions, electronic configuration and general characteristic properties, oxidation states of transition metals, general properties of First row transition metals and their compounds-oxides, halides and sulphides, General properties of second and third row transition elements (Group wise discussion), Preparation and uses of potassium dichromate, potassium permanganate, Inner transition elements: oxidation states, lanthanide contraction.

COORDINATION CHEMISTRY AND ORGANO METALLICS

Coordination compounds-nomenclature, isomerism in coordination compounds, bonding in coordination compounds, stability of coordination compounds, applications of coordination compounds, compounds containing metal-carbon bond, applications of organometallic compounds.

CHEMISTRY OF CARBON COMPOUNDS

A) HYDROCARBONS

- Alkanes sp^3 hybridization, sigma bond, tetrahedral structure, free rotation about sigma bond chain isomerism.
- Alkenes sp^2 hybridization, carbon-carbon double bond, sigma and pi bonds, planar structure of ethylene, cis-trans isomerism.
- Alkynes sp hybridization, carbon-carbon triple bond, linear structure of acetylene.
- Arenes Delocalization of electrons in benzenes and resonance energy, ortho, para and meta isomers.
- Systematic nomenclature (compounds having carbon atoms upto six).
- Properties and reactions of hydrocarbons : Change in physical properties with chain length, chemical properties, combustion and controlled oxidation, free radicals, halogenations, aromatisation and cracking of alkanes. Properties of alkenes and alkynes, Markownikoff's rule. Reactions of benzene (mechanisms not required).
- Sources and synthesis of hydrocarbons : Refining of petroleum, reforming, octane number, pyrolysis of coal, common laboratory preparations of alkanes, alkenes and alkynes.

B) CHARACTERIZATION OF ORGANIC COMPOUNDS

Detection of elements, calculation of empirical and molecular formulae from weight percentage data of elements and molecular weight.

C) ALKYL AND ARYL HALIDES

Nomenclature, isomerism, optical isomerism, racemic mixture, general methods of preparation and properties of alkyl and aryl halides. A few important polyhalogen compounds-chloroform, carbon tetrachloride, DDT, benzenehexachloride.

D) COMPOUNDS WITH FUNCTIONAL GROUPS CONTAINING OXYGEN

Nomenclature, general methods of preparation and properties of ethers, aldehydes, ketones, carboxylic acids and their derivatives (acyl halides, acid anhydrides, amides and esters). Preparation, correlation of physical properties with their structures, chemical properties and uses.

E) COMPOUNDS WITH FUNCTIONAL GROUP CONTAINING NITROGEN

A brief description of chemistry of cyanides and isocyanides, nitro compounds and amines and their methods of preparation, correlation of physical properties with structure, chemical reactions and uses.

POLYMERS

Classification of polymers, Natural and Synthetic polymers, Preparation and uses of Teflon, PVC, Polystyrene, Nylon-66, Terylene.

BIOMOLECULES

Carbohydrates : Monosaccharides, Disaccharides, Polysaccharides, Amino acids and Peptides-structure and classification. Proteins and Enzymes-structure of proteins, Role of enzymes, Nucleic Acids - DNA and RNA, Biological functions of Nucleic acids-Protein synthesis and replication. Lipids-structure, membranes and their functions.

CHEMISTRY OF BIOLOGICAL PROCESSES

Carbohydrates and their metabolism : Hemoglobin, blood and respiration, Immune system, Vitamins and hormones, simple idea of Chemical evolution.

CHEMISTRY IN ACTION

Dyes, Chemicals in medicines, Rocket propellants

PHYSICS (60 MARKS)

INTRODUCTION

What is physics ? Scope and excitement. Physics in relation to science study and technology.

PHYSICAL WORLD & MEASUREMENT

Unit for measurement, fundamental and derived units, dimensions, order of magnitude, accuracy and errors in measurement.

DESCRIPTION OF MOTION IN ONE DIMENSION

Objects in motion, motion in one, two and three dimensions. Motion in a straight line, uniform motion, its graphical representation and formulae. General relation between position and velocity, application to uniformly accelerated motion, acceleration in general, one-dimensional motion.

DESCRIPTION OF MOTION IN TWO AND THREE DIMENSIONS

Vectors in two dimensions, general vectors, vectors and scalars, vector addition and multiplication by a real number, zero vector and its properties. Resolution of a vector in a plane, rectangular components. Motion in two dimensions, cases of uniform velocity and uniform acceleration for motion in a plane, uniform circular motion, motion of objects in three-dimensional space.

LAWS OF MOTION

Force and inertia. First law of motion. Second law of motion. Impulse. Kinds of forces in nature. Third law of motion, conservation of momentum, rocket propulsion, equilibrium of concurrent forces. Static and kinetic friction, laws of friction, rolling friction, lubrication. Inertial and non inertial frames.

WORK , ENERGY AND POWER

Scalar product of vectors, work done by a constant and a variable force, unit of work, kinetic energy, power. Elastic collisions. Potential energy of a mass. Different forms of energy, mass-energy equivalence, conservation of energy.

ROTATIONAL MOTION

Inter-dependence of Newton's laws of motion, centre of mass of a rigid body, general motion of a rigid body, nature of rotational motion. Plane (rotational) motion of a single particle, torque, angular momentum and its geometrical and physical meaning, conservation of angular momentum, examples of circular motion (car on a level circular road, car on a banked road), pendulum, comparison of linear and rotational motions, properties of moment of inertia, parallel axis theorem, examples of two dimensional rigid body motion (mass point on string wound on cylinder, cylinder rolling without slipping).

GRAVITATION

Acceleration due to gravity, one dimensional motion under gravity, two dimensional motion under gravity, universal law of gravitation , The gravitational constant, mass of earth. Inertial and gravitational mass. Variations in the acceleration due to gravity of the earth, geo-stationary satellites. Gravitational potential, escape velocity.

MOLECULES

Atomic hypothesis, Brownian motion, Avogadro's number and Avogadro's hypothesis. Inter-atomic and inter-molecular forces. States of matter.

PROPERTIES OF MATTER

- (A) Solids : Crystalline and glassy solids, Hooke's Law, Young's modulus, stress vs. strain, bulk modulus, pure shear. Friction and lubrication.
- (B) Fluids : surface energy and surface tension, capillary rise, viscosity, streamline flow, Reynolds's number. Bernoulli's theorem.
- (C) Gases: Boyle's law, Charle's law and absolute temperature. Kinetic theory of gases. Pressure, kinetic energy and temperature, gas laws and Avogadro's number.

HEAT AND THERMODYNAMICS

Mechanical equivalent of heat, specific heat, calorimeter, first law of thermodynamics, thermodynamic states, equation of state and isothermals, pressure-temperature phase diagram, thermodynamic processes, heat engines, second law of thermodynamics, efficiency of heat engines. Conduction, convection and radiation.

OSCILLATIONS

Simple harmonic motion (S.H.M.), uniform circular motion. Kinetic energy and potential energy in S.H.M., simple pendulum, forced oscillations, resonance and damped oscillations.

WAVES

Wave motion, speed of wave motion, principles of superposition, reflection of waves, harmonic waves, standing waves and normal modes, beats, Doppler effect, musical scale, acoustics of buildings.

ELECTROSTATICS

Frictional electricity, charges, conservation of charges, elementary unit, Coulomb's law, dielectric constant, electric field due to a point charge, dipole, dipole field and dipole's behaviour in an electric field, flux, conductors and insulators, presence of free charges and bound charges inside a conductor. Capacitance (parallel plate, spherical, cylindrical), series and parallel, energy of capacitor, Van de Graff generator, atmospheric electricity.

CURRENT ELECTRICITY

Electric current, resistance of different materials, temperature dependence, resistivity, colour code for carbon resistances, Ohm's law, Kirchoff's law, resistances in series and parallel, series and parallel circuits, Wheatstone's bridge, measurement of voltages and currents, potentiometer, concept of e.m.f., terminal voltage and internal resistance of a cell.

THERMAL AND CHEMICAL EFFECTS OF CURRENTS

Electric Power, Heating effects of current, chemical effects and laws of electrolysis, cells (primary and secondary), thermoelectricity , thermocouple.

MAGNETIC EFFECTS OF CURRENTS

Oersted's observation, Biot-Savart law (magnetic field due to current element), magnetic field due to a straight wire, circular loop and solenoid, force on a moving charge in a magnetic field (Lorentz force), cyclotron, forces and torques on currents in a magnetic field, force between two currents, definition of Ampere, Moving coil galvanometer and conversion into ammeter and voltmeter.

MAGNETISM

Bar magnet (comparison with a solenoid), line of force, torque on a bar magnet in a magnetic field, Earth's magnetic field, tangent galvanometer, vibration magnetometer, para, dia and ferromagnetism.

ELECTROMAGNETIC INDUCTION AND ALTERNATING CURRENTS

Induced e.m.f., Faraday's law, Lenz's law, e.m. induction, self and mutual inductance, alternating currents, impedance and reactance, power in ac circuits with L,C & R; series and parallel resonant circuits, electrical machines and devices, transformer, a.c. generator, choke and starter.

ELECTROMAGNETIC WAVES

Electromagnetic oscillation, history of e.m. waves (Maxwell , Hertz , Bose, Marconi), electromagnetic spectrum (radio, microwave, infrared, optical, ultraviolet, x-rays and gamma-rays) including elementary facts about their uses and propagation properties in the atmosphere w.r.t. various parts of electromagnetic spectrum.

RAY OPTICS AND OPTICAL INSTRUMENTS

Sources of light, photometry, ray optics as a limiting case of wave optics, refraction, reflection, total internal reflection, curved mirrors, lenses, mirror and lens formulae, dispersion by a prism, spectrometer and spectra, absorption and emission, scattering, rainbow, magnification and resolving power, telescope , microscope.

WAVE OPTICS

Wave front and Huygen's principle, interference - Young's double slit experiment. Diffraction due to a single slit, diffraction grating, polarization of transverse waves, applications related to these phenomena.

ELECTRONS AND PHOTONS

Electrical conduction of gases, discovery of electron, e/m for an electron, particle nature of light, Einstein's photoelectric equation, photocells.

ATOMS, MOLECULES AND NUCLEI

Rutherford model of atom, Bohr model, energy quantization, hydrogen spectrum, composition of nucleus, atomic masses, isotopes, size of a nucleus, radioactivity, mass-energy relation, fission, fusion, nuclear holocaust.

SOLIDS AND SEMICONDUCTOR DEVICES

Energy bands in solids, conductors, insulators and semiconductors, p-n junction diodes, solar cells, junction transistor, diode as rectifier, transistor as an amplifier and oscillator, logic gates and combination of gates.

UNIVERSE

The constituents of the universe, planets, elementary idea about determination of their distances and masses, stars, brightness, magnitude scale, luminosity, surface temperature, stellar spectra, energy source of stars.

MATHEMATICS (60 MARKS)

SETS AND BINARY OPERATION

Algebra of sets, Cartesian product of sets, Function, A binary operation defined in Set A as a function from $A \times A$ into A. Associativity and commutativity of binary operation. Inverse of an element in A.

COMPLEX NUMBERS

Complex number of the form $a + ib$, representation of complex number in plane, Argand diagram, algebra of complex number, real and imaginary parts of complex number, modulus and argument of complex number, square root of complex number, cube root of unity, triangle inequality.

QUADRATIC EQUATIONS

Solution of quadratic equation by factorization and formula methods, relation between roots and coefficients, formation of equation, symmetric function of roots.

SEQUENCES AND SERIES

n th terms of A.P., Sum of n terms of A.P., A.M. between two nos., n th terms of G.P., Sum of n terms of G.P., Sum of infinite terms of G.P., G.M., Arithmetic-Geometric series.

STATISTICS

Bargraph, Pie chart, Median, Mean, Standard deviation. Mean deviation from mean and median.

PERMUTATIONS AND COMBINATIONS

Permutations as arrangement, meaning of simple and applications including circular permutation.

MATHEMATICAL INDUCTION AND BINOMIAL THEOREM

Principle of Mathematical Induction with application, Statement and proof of Binomial theorem for positive index. General and particular term of Binomial Theorem for any index. Applications to approximation, properties of Binomial coefficients.

EXPONENTIAL AND LOGARITHMIC SERIES

The infinite series for e ; proof that e lies between 2 and 3, Infinite series for $\log(1+x)$ and $\log(1+x)/(1-x)$, Calculation of the logarithm of a number using suitable logarithmic series.

TRIGONOMETRY

Allied angles, sum and difference formulae, A-B, and C-D formulae, Trigonometric equations, conditional identities, Sine formula, Cosine formula, area of triangle, simple solution of triangle using formulae, height and distance, Inverse trigonometric functions, graphs, properties of Inverse trigonometric functions and their proofs.

COORDINATE GEOMETRY

Distance formula, section formula, area of triangle, condition of co linearity, centroid, Incenter, locus, parallel and perpendicular lines, formation of equation of straight lines in different forms. Inter section of two lines, condition for general second degree equation to represent two straight lines.

CIRCLES

Equation of circle, parametric and diametric forms, point of intersection of a line and a circle, condition for a line to be tangent to a circle, equation and length of tangent to a circle from a point. Intersection of two circles, condition that two intersecting circles are orthogonal.

CONIC SECTION

Equation of conic section and point of tangency.

MATRICES AND DETERMINANTS

Matrix as a rectangular arrangement of numbers, type of matrices, Equality of matrices, Addition, Scalar multiplication and multiplication of matrices: Linear combination of matrices, non commutativity and associativity of matrix multiplication, singular and non-singular matrices, Linear equations in matrix notations, Determinant, Minors and cofactors of determinant, expansion of a determinant, properties and elementary transformation of determinants. Application of determinants in solution of equations and area of a triangle. Cramer's rule, Adjoint and inverse of a matrix and its properties, Application of matrices in solving simultaneous equations in three variables.

VECTORS AND THREE DIMENSIONAL GEOMETRY

Vector as directed line segment, Magnitude and direction of a vector, Equal vectors, Unit vector, Zero vector. Position vector of a point. Components of a vector, Vector in two and three dimensions, Addition of vectors, Multiplication of a vector by a scalar, Position vector of a point dividing a given straight line in a given ratio, scalar (dot) product of the two vectors, cross product of the two vectors, scalar triple product, Applications of vectors in the use of establishment of various geometrical results, Work done=force \times displacement, Moment of a force about a point, moment of a couple about a point. Proof of cosine rule. Angle in a semi-circle is a right angle, Applications of vector product in finding area of a triangle as $\frac{1}{2}ab\sin C$ and area of a parallelogram as $a \times b \sin \theta$. Proof of sine rule. Applications of scalar triple product in finding volume of a parallelepiped, coplanarity of vector using scalar triple product.

Decomposition of a vector into three non-coplanar directions, $\vec{a}, \vec{b}, \vec{c}$ as vectors in 3-D, direction ratios and direction cosines for any vector, angle between two vectors where d.c.'s are given. distance between two points, condition of the intersection of two lines, shortest distance between two lines, equation of a plane containing a given point and normal to a given direction, angle between two planes, Angle between a line and plane. Distance of a point from the plane. Equation of any plane passing through the intersection of the two planes, Equation of a sphere in the form $(x-a)^2 + (y-b)^2 + (z-c)^2 = r^2$, Equation of sphere with the position vectors \vec{a} and \vec{b} as the extremities of a diameter in the form $(\vec{r}-\vec{a}) \cdot (\vec{r}-\vec{b}) = 0$.

DIFFERENTIAL CALCULUS

Concept of real function, its domain and range, graphs of functions, Composition of functions, meaning of, meaning of Fundamental theorems of limits.

Continuity of a function at a point, over an open/closed interval, Properties of continuous function, Continuity of polynomial, trigonometric, exponential, logarithmic and inverse trigonometric functions.

Derivative of function, its geometrical and physical significance, relationship between continuity and differentiability. Derivatives of $x, x^n, \sin x, \cos x, \tan x$, theorems relating to the derivatives of the sum, difference, product and quotient of functions, derivative of a function of function (chain rule), derivative of trigonometric functions, inverse trigonometric functions, logarithmic functions and exponential functions, differentiation of implicit functions, logarithmic differentiation, derivatives of functions expressed in parametric form, derivatives of higher order.

Application of the derivative, motion in a straight line, motion under gravity, rate of change of quantities, increasing and decreasing functions and sign of the derivative, maxima and minima (absolute, local), Rolle's theorem, mean value theorem, curve sketching, meaning of differential, errors and approximations.

INTEGRAL CALCULUS

Integration as the inverse of differentiation, indefinite integral or antiderivative, Properties of integrals, Fundamental integrals involving algebraic, trigonometric and exponential functions, integration by substitution, integration by parts.

DEFINITE INTEGRAL

Definition of definite integral as the limit of a sum, fundamental theorem of calculus, evaluation of definite integrals, transformation of definite integrals by substitution, properties of definite integrals, evaluation of some definite integrals using the above properties, Definite integral and area bounded by a curve between two ordinates and x-axis, area between two curves.

DIFFERENTIAL EQUATIONS

Differential equations, order and degree, formation of a differential equation, general and particular solution of a differential equation, solution of differential equation by the method of Variables Separable, Homogeneous equations and their solution, solution of the linear equation of first order with constant coefficients.

CORRELATION AND REGRESSION

Bivariable frequency distributions as arising from observation of two variables on the same unit of observation. Marginal and conditional frequency distributions derived from a bivariable frequency distribution. The concept of relationship between variables introduced as the dependence of conditional distribution on the values of the conditioning variable. Distinction between relationship and functional relationship. Correlation analysis as the measurement of the strength of relationship between two quantitative variables and regression analysis as the method of predicting the values of one quantitative variable from those of the other quantitative variable.

Definition and calculation of the correlation coefficient, positive and negative correlation, perfect correlation. Use of the scatter diagram in interpreting the values of the correlation coefficient. Calculation of the regression coefficient and the two lines of regression by the method of least square. Use of the lines of regression for prediction, error of prediction and its relation with the coefficient correlation.

PROBABILITY

Random experiment and the associated sample space (i.e. set of all outcomes), Events as subsets of the sample space, occurrence of an event. Sure event, impossible event, mutually exclusive event, elementary event, equally likely elementary events. Definition of probability of an event as the ratio of the number of favourable equally likely events to the total number of equally likely events. Addition rule for mutually exclusive events.

Combination of events through the operations (and, 'not' and their set representation), Probability of the events 'A' or 'B', 'Not A' conditional probability, Independent events, Independent experiments, Calculation of probabilities of events associated with independent experiments.

Random variable as a function on a sample space (only random variables taking finite number of values be considered).

Distribution of a random variable derived from the probabilities of events on the sample space on which the random variable is defined. Binomial Distribution: examples of different random experiments giving rise to random variable with the binomial distribution.

B-11 SYLLABUS FOR B.ARCH. APTITUDE TEST-2002**TEST-I**

Aesthetic Sensitivity is to evaluate candidate's perception; imagination and observation; creativity and communication; and Architectural awareness. The test shall comprise of:

- (i) Visualising three-dimensional objects from two-dimensional drawings.
- (ii) Visualising different sides of three-dimensional object.
- (iii) Identifying commonly used materials and objects based on their textural qualities.
- (iv) Analytical Reasoning
- (v) Mental Ability
- (vi) Imaginative comprehension and expression.
- (vii) Architectural awareness.

TEST-II

The Drawing aptitude of the candidate shall be judged on the following aspects:

- (i) Ability to sketch a given object proportionately and rendering the same in visually appealing manner.
- (ii) Visualising and drawing the effects of light on the object and shadows cast on the surroundings.
- (iii) Sense of perspective drawing.
- (iv) Combining and composing given three-dimensional elements to form a building or structural form.
- (v) Creating interesting two-dimensional composition using given shapes or forms.
- (vi) Creating visual harmony using colours in given composition.
- (vii) Understanding of scale and sense of proportion.
- (viii) Drawing from memory through pencil sketch on themes from day to day experiences.

TEST-I will consists of 100 objective type questions (4 options with single correct answer). Each question would carry one mark.

TEST-II would consists of two questions to test the drawing aptitude of the candidate, carrying a total 100 marks.

CANDIDATES MUST NOTE THAT THERE WOULD BE NO WEIGHTAGE OF THE MARKS OBTAINED IN THIS APTITUDE TEST TOWARDS DECIDING THE MERIT OF THE CANDIDATE FOR THE PURPOSE OF ADMISSION. HOWEVER, CANDIDATE HAS TO QUALIFY THIS APTITUDE TEST BY OBTAINING MINIMUM 25% MARKS IN AGGREGATE IN BOTH THE TESTS- I AND TEST- II AS ABOVE , FOR CONSIDERATION OF ADMISSION TO B.ARCH. COURSE. HOWEVER, THIS CAN BE RELAXED BY THE CHAIRMAN,CEET-2002.

PART-C

COMMON RULES & PROCEDURE FOR ADMISSION

C-1 GENERAL INFORMATION FOR ADMISSION-2002

1. Only those candidates who have appeared in CEET-2002(except for eligible NRI, Foreign Nationals and Industry sponsored Candidates) and are eligible as per eligibility conditions (mentioned elsewhere in this Brochure) on the last date of submission of admission form will be considered for admission.
2. The candidates after declaration of CEET-2002 result must fill up the application form for admission carefully and neatly, especially the columns relating to applicable categories, Roll No. in CEET-2002. Any mistake in filling up these columns can cause inconvenience to the candidates/admitting authority.
3. The last date for the receipt of the Application Form for Admission on the prescribed form, attached at the end of Brochure, is 03.07.2002 and the same should be addressed to Chairman (Admissions), Regional Engineering College, Kurukshetra (Haryana). Candidates should ensure that their applications are accompanied by all enclosures.
4. Applications received late due to postal/courier delays or otherwise will not be considered.
5. A candidate who furnishes particulars, which are found to be false, or suppresses material information, will not be considered for admission and if he/she has been admitted on such information, notwithstanding legal action under the law of the land, his/her admission shall stand cancelled and all his fees forfeited.
6. Before accepting the admission the candidate must ensure that he/she fulfils the minimum eligibility conditions of the institute to which he/she is seeking admission.
7. Only those candidates whose applications are received by the last date and are otherwise eligible should report for counselling in person as per schedule, along with all documents in original, two unattested photocopies of all originals, fees and five passport size photographs. The candidates will not be allowed counselling without the production of original documents. No separate call letter for counselling will be issued.
8. Only candidates appearing for counselling in person would be considered for admission. They would be required to deposit the prescribed fee on the spot ONLY through a Bank Draft in favour of Principal, Regional Engineering College, Kurukshetra payable at Kurukshetra (SBI at RECK Bank Code No.6260). Candidates not appearing or not depositing fee would be ignored and the seats would be allotted to the candidates next in order of merit.

9. Admission procedure , fees/deposits etc. are subject to change without any notice by the competent authority. The decision of the Principal, Regional Engineering College, Kurukshetra in all matters relating to the admissions shall be final.

10. The application form for admission without Bank Draft for appropriate fee(s) in favour of the Principal, Regional Engineering College, Kurukshetra, payable at Kurukshetra shall be rejected, and the candidate will have no claim whatsoever.

11. Disputes, if any, will be subject to Kurukshetra Jurisdiction.

C.2 ELIGIBILITY FOR ADMISSION-2002

(A) Candidate is eligible for admission to the first year of the course to the respective Institute if he/she fulfills the following requirements:

(i) Indian Nationality

(ii) Good Moral character

(iii)(a) For admission to all colleges, except RECs and College of Agricultural Engg and Technology, CCS, HAU Hisar, the candidate must have passed, before the last date of submission of Application Form for Admission, both 11th and 12th examination with minimum 50% marks in aggregate in 12th exam in Physics, Chemistry and Maths (PCM) and pass in English from a recognized School/College, located in Haryana, affiliated to Haryana Board of School Education/University or its Equivalent Examination (including from CBSE) /3-year diploma from Haryana State Technical Education Board with 50% aggregate marks in all the six semesters, for admission in all Colleges and be eligible as per conditions and also must be a resident of Haryana as per instructions of Chief Secretary vide memo no. 62/17/95/6GSI, dated 3.10.96, reproduced in ANNEXURE III.

For admission in RECs , the candidate must have passed 12th of 10+2 Examination with 50% marks in aggregate in PCM and pass in English in 12th from a recognized School/College affiliated to Haryana Board of School Education/University or its equivalent examination (including from CBSE/3-year diploma from Haryana State Technical Education Board with 50% marks in aggregate in all the six semesters) and also must be a resident of Haryana as per instructions of Chief Secretary vide memo no. 62/17/95/6GSI, dated 3.10.96, reproduced in ANNEXURE III.

For College of Agricultural Engg and Technology, CCS, HAU Hisar, the candidate must have passed 12th of 10+2 Examination with PCM and passed in English from a recognized School/College affiliated to Haryana Board/University as above, or its equivalent exam and must be resident of Haryana, as referred above.

(iii) (b) Candidates passed their 10+2 exam from Delhi and Chandigarh are also eligible for consideration for seats at RECs against their stipulated quota.

(iii) (c) As per instructions of the Chief Secretary, Haryana memo No. 62/17/95-6GSI dated 3-10-1996, candidates who are also residents of Haryana but have not obtained their qualifying exam passed from Haryana, are also eligible for admission to all Colleges and Institutions (except for RECK and ORECs), reproduced in Annexure III.

(iv) Rounding of the marks shall not be considered. Thus 49.5% and above in the qualifying examination shall NOT be considered as 50%.

(v) Further, student getting compartment in the year 2001-2002 in the qualifying examination shall NOT be considered for admission even though he/she clears the compartment exams before the start of counselling for CEET-2002.

(vi) In case of SC candidates no minimum percentage of marks is prescribed and mere pass in qualifying examination with the said subjects is adequate.

(vii) Eligible students having qualified from NATIONAL OPEN SCHOOL must have cleared 10+2 with two language subjects/ or as per rules of the affiliating universities.

(B) A candidate shall be termed as Haryana Resident if he/she fulfills any one of the following conditions as per instructions of the Chief Secretary, Haryana memo No. 62/17/95-6GSI dated 3-10-1996 which are reproduced as below: -

(i) Candidate who has passed the qualifying examination from a school/college/ institution located in Haryana.

(ii) Children/Ward (if parents not alive)/ dependents :

(a) of the regular employees of Haryana State posted in or outside Haryana State or working on deputation;

(b) of the regular employees of the statutory bodies/ corporations established by or under an Act of the State of Haryana who are posted in Chandigarh or in Haryana or outside Haryana;

(c) of the regular employees of the Government of India posted in Chandigarh or in Haryana in connection with the affairs of the Haryana Government;

(iii) Children / wards (if parents not alive)/ dependents of persons who after retirement have permanently settled in Haryana and draw their pensions from the treasuries situated in the State of Haryana;

(iv) Children/ wards (if parents not alive)/ dependents of pensioners of Haryana Government irrespective of the fact that the original home of the retiree is in a State other than Haryana or he has settled after retirement in or outside Haryana;

(v) Children/ wards (if parents not alive)/ dependents of persons who have permanent home in Haryana and including persons who have been residing in Haryana for a period of not less than 15 years or who have permanent home in Haryana but on account of their occupation they are living outside Haryana;

(vi) The wives of such persons who are bonafide residents of Haryana irrespective of the fact that they had belonged to any other State before marriage;

(vii) Persons who were born in Haryana and produce a certificate to that effect.

Provided further that the parents/guardians (if parents not alive) of candidates belonging to any one of the above mentioned categories produce an affidavit to the effect that they or their Children/ wards (if parents not alive)/ dependents have not obtained the benefit of Resident in any other State.

(C) (1) All eligible candidates desirous of admission to Engineering Courses except for NRI seats, Industry Sponsored seats and seats meant for foreign nationals in various Institutes (A-4) must take the Entrance Test CEET-2002 and Aptitude Test-2002 for B.Arch., if applicable.

(2) Admission to a particular Institute will be made as per eligibility conditions mentioned in this Brochure.

(3) The eligibility for admission through CEET-2002 shall be provisional and shall stand cancelled if the candidate fails to produce upto the last date of submission of Admission Form i.e. 03.7.2002 the proof clearly passing the qualifying examination securing the required percentage of marks as mentioned in this Brochure. Such candidates shall not have any claim whatsoever with regard to counselling and admission to any of the above engineering institutions.

Note :-

1. All candidates claiming to be bonafide residents of Haryana based upon categories B(i) to (vii) above should produce a Haryana Resident Certificate signed by the District Magistrate/ General Asstt. To Deputy Commissioner or Sub-Divisional Officer (Civil)/ SDM of the District/Sub-Division to which the candidates belong.

2. Resident Certificates in respect of Children/Wards/Dependents of pensioners of Haryana Govt. or in respect of the Children/Wards/ Dependants of the employees of Govt. of India posted at Chandigarh or in Haryana in connection with the affairs of Haryana Govt., or in respect of children/wards/ dependants of the employees and retirees of the statutory bodies/ corporations of Haryana established by or under an act of the State of Haryana or a Central Act and located at Chandigarh, Haryana or outside Haryana should be issued by their respective heads of Departments.

3. Candidates passing 11th & 12th examination from any institution located in Haryana should submit Resident Certificate as given in Part-E, ANNEXURE-I from the Head Masters/Principals of the respective Schools/ Institutes. In case a candidate has passed his/her 11th and 12th exams from different schools, two different certificates shall be produced from respective Head Masters/Principals.

4. If a candidate is admitted on the basis of claims that he/she belongs to the State of Haryana but at any subsequent time it is discovered that his/her claim was false, the student shall be removed from the institution, all fees and other dues paid up to the date of such removal shall be confiscated. The Principal may take such other action against the student and his/her parents/guardians as he may deem proper as per circumstances of any particular case.

D. Medical Fitness :

All the candidates applying for admission are required to attach with their application form for admission, an attested copy of medical certificate of fitness (Annexure-II) from the competent authority as mentioned in the prescribed form. The medical standards are specified in Annexure-II.

Medical fitness certificates issued by non-government medical officers and in any other format may not be acceptable.

C-3 SUBMISSION OF APPLICATION FORM FOR ADMISSION-2002

Application on the prescribed form, in Candidate's own handwriting, accompanying the following enclosures and complete in all respects, should reach the Chairman (Admissions), Regional Engineering College, Kurukshetra on or before 03.07.2002 (Wednesday) 5.00 p.m.

Attested copy of each of the following documents (as applicable) should be enclosed with the Application Form :

1. CEET-2002 Result Card
2. CEET-2002 Admit Card
3. 10+2 Detailed Marks Card (Attested by Head of the Institution last attended)
4. Character Certificate indicating the name of the candidate and father/legal guardian, from the Institution
(i) From where passed the 11th & 12th examination indicating Roll No, OR
Last attended if not covered under (i) above. (Annexure-I)
5. Matriculation/High School Certificate indicating date of birth.
6. Medical Certificate of Fitness (Annexure-II).
7. A bank draft of appropriate amount as fee as mentioned earlier, in favour of the Principal, REC, Kurukshetra payable at SBI branch, code 6260, REC Kurukshetra.
8. Address slips and self addressed & stamped acknowledgement card.
9. Bonafide Residents of Haryana Certificate. (Annexure-III) (Not required for RECs and All India Open Category).
10. Copy of passport (required for RECK in case of Indian National Passing 10+2 exam from abroad).
11. An affidavit by parents or guardians (if parents not alive) of the candidate who has passed 11th & 12th examination from School/College situated in Haryana to the effect that they or their children/wards (if parents not alive) dependents have not obtained the benefits of Residence of any other State (Not required for RECs and All India open category).

12. For reserved seats, SC/ST Certificate (Annexure IV) & BC certificate (Annexure-V)
13. PH Certificate (Annexure VI)
14. ESM Certificate (Annexure VII)
15. CFF Certificate (Annexure-VIII)
16. ROM Certificate (Required for CRSCE only)
17. Certificate of Employment (Annexure-IX)

Note : No certificate/document affecting the category i.e., from general to reserved, All India to State quota etc., will be entertained after the last date prescribed for the receipt of applications. Candidates must, therefore, ensure that they have enclosed the required attested copies of the certificates in respect of their claim relating to reservation (SC/BC/PH/ESM/CFF).

C-4 RESERVATION AND ELIGIBILITY CRITERIA -2002

The admission to various Government/Government Aided Colleges located in Haryana (except RECs) will be made as per the following criteria notified by the Government of Haryana vide letter No. 22/34/98-3GSIII dated 19.3.99, even No. dated 5.5.99 and 07.08.2000:-

Sr No. Category	Percentage
1. Scheduled Castes	
SC (Block 'A')	10 %
SC (Block 'B')	10 %
2. Backward Classes	
Block - 'A' (excluding creamy layer)	16 %
Block - 'B' (excluding creamy layer)	11 %
3. Physically Handicapped	3 %
i) Blindness or Low vision	1 %
ii) Hearing impairment	1 %
iii) Locomotor disability or cerebral palsy	1 %

Note : : If the seats reserved for physically handicapped remain unutilized due to non-availability for suitable category of Handicapped candidates, the seats shall be offered to the Ex-servicemen(1%) and their wards and the dependents of Freedom fighters(1%) . The reservation policy is subject to revision/State Government decision and the same as applicable on the last date of submission of admission form shall be followed.

a) For Scheduled Caste/Scheduled Tribe candidates :

A candidate of this category shall have to specifically mention the same in his/her application form and submit a certificate from the revenue authorities of the district concerned that he/she belongs to Block-A or Block-B of scheduled Caste of Haryana according to letter No. 333-Kh-K.(a)-97 dated 25.2.97 from Commissioner & Secretary to Govt. of Haryana SC and BC Welfare Department and letter No. EC/02/97/6734-66 dated 27.2.97 from Director, SC & BC Welfare in the form prescribed in Annexure-IV.

In case candidates from one category of SC are not available, seats remaining vacant may be filled from other category of SC. All SC/ST candidates must ensure that they submit proper/valid SC/ST certificates. SC/ST candidates from UTs of Delhi and Chandigarh must submit such certificates issued from appropriate respective UT authorities. Thus, a certificate submitted by SC/ST candidate, having originally belonged to a state other than UT (this fact also being incorporated in his/her SC/ST certificate) but getting issued this certificate from UT authorities is INVALID for the purpose of admission through CEET-2002. The same applies to Haryana SC/ST candidates also.

b) For Backward Class (BC) candidates :

A candidate of this category shall have to specifically mention the same in his/her application form and submit a certificate from the revenue authorities of the district concerned that he/she belongs to BLOCK-A, or BLOCK-B of Backward class of Haryana according to the notification (s) No. 1170/SW (1)-95 dated 7.6.95 and No. 1883-SW(1)-95 dated 28.9.1995 of the Haryana Govt. in the form prescribed in Annexure -V. In case candidates from one category of BC are not available, seats remaining vacant may be filled from other category of BC.

The income from the salary will not be taken into account for the purpose of income/wealth test in respect of service category and while calculating income or wealth test of the Government Employee of the Backward Classes, who is not covered under Annexure-V, description of categories No. I, II(a,b,c,d) and III and IV, hence becoming entitled for the benefit of reservation under Backward Classes Categories, his salary should not be included, but his other sources of income/ wealth be included for income/wealth test as clarified by the Government letter No.22/36/2000-3G.S.III dated 09.08.2000.

c) Physically Handicapped :

Those applying under this category will be required to submit a certificate as in Annexure-VI.

d) ESM and their wards of Haryana :

A candidate desirous of seeking admission against this category must attach a certificate as in Annexure-VII from the Secretary, District Soldiers, Sailors and Airmen Board/Zila Sainik Board of the area of Area Commandant/Commanding Officer in support of his/her claim.

Against seats reserved for the children/wards of Ex-servicemen, first priority in admission shall be given to a candidate whose father died in action while in active service and second priority shall be given to Ex-servicemen themselves seeking admission. The remaining seats shall be given to children/wards of Ex-servicemen of Haryana who may be either serving or may have served Armed Forces.

e) Children and Grand Children of the Freedom Fighters (CFF) :

Children and Grand Children of the Freedom Fighters of the Haryana State only will be required to submit a certificate to this effect as given in Annexure-VIII

SEATS REMAINING VACANT IN INSTITUTIONS (OTHER THAN RECs), IN ANY RESERVED CATEGORY DUE TO NON AVAILABILITY OF ELIGIBLE CANDIDATES IN THAT CATEGORY WILL BE FILLED OUT OF THE CANDIDATES FROM THE GENERAL CATEGORY.

NOTE :

1. All original certificates submitted at the time of admission will be returned back to the candidate after verification by the Admission Committee. The original SC/ST/BC/Employee's certificate, ESM, Medical certificate will not be returned by the College concerned to the admitted student.
2. The candidates other than those who have passed the qualifying examination from Haryana Board of School Education will have to submit a migration certificate by 31.10.2002 to the affiliating Universities, failing which their admission is liable to be cancelled.

C-5. DISTRIBUTION OF SEATS-2002

1. For Government/Government Aided Colleges (Other than RECs):

(A) 50% of the total seats (excluding NRI Seats and seats meant for All India basis) are reserved for Scheduled Caste/Backward Classes/ Orthopaedically Handicapped /Dependants of Freedom Fighters/E.S.M. and their wards belonging to Haryana State.

Sr No.	Category	Percentage
1.	Scheduled Castes	
	SC (Block 'A')	10 %
	SC (Block 'B')	10 %
2.	Backward Classes	
	Block - 'A' (excluding creamy layer)	16 %
	Block - 'B' (excluding creamy layer)	11 %
3.	Physically Handicapped	3 %
	i) Blindness or Low vision	1 %
	ii) Hearing impairment	1 %
	iii) Locomotor disability or cerebral palsy	1 %

(The reservation of seats will be as per State Govt. Reservation Policy and will be subject to any change/ amendment made by the Govt. from time to time)

(B) 50% of the total seats (excluding NRI Seats and seats meant for All India Basis) shall be reserved for the candidates belonging to Haryana General Category.

(C) The 15% of total seats shall be open and filled up on All India basis including Haryana through the Test(AIEEE) conducted by CBSE for Engineering & Technology for which counselling shall be held based upon the merit in AIEEE-2002 either by CBSE or State Agency for which separate notification shall be issued.

(D) 5% of the total seats shall be reserved for NRIs, which shall be filled up on the basis of merit in qualifying examination. Such candidates are not required to appear in Entrance Examination.

Thus, on a Block of 100 seats, since 5 seats are for NRIs, 15 seats are to be filled on All India basis, the reserved seats will be 40 (50% of the remaining 80 seats) and 40 seats for General Category(50% of the remaining 80 seats).

This criterion will not be applied on REC Kurukshetra where seats allocated as per approval of MHRD, Govt of India, New Delhi. In self-financing engineering colleges, the reservation policy is not applicable as per the orders of the High Court.

(E) In addition two seats in CRSCE, Murthal are reserved for Residents of Murthal out of which one will be reserved for women candidates and one for male candidates. In case no woman candidate is available/eligible, the seat will be offered to male candidate on

merit. Since the seats are supernumery, the first preference of the discipline/branch of the candidates will be accepted.

2. For Self-financing Colleges :

There is no reservation for SC/ ST/ OBCs/ Physically Handicapped categories. 50% of the total seats are 'Free Seats'; 45% of the total seats (inclusive of 15% seats through AIEEE-2002) are 'Payment Seats' and 5% of the total seats are for NRI 15% payment seats reserved for All India basis including Haryana shall be filled up through counselling either by CBSE or State agency based upon the merit of AIEEE-2002 for which separate notification shall be issued

3. NRI SEATS:

Seats up to the extent of 5% of the total intake, are to be filled from NRI candidates by the respective self-financing College on the basis of merit to be judged by that college and NOT on the basis of CEET-2002 result provided the candidates fulfil the minimum eligibility qualifications for admission at 10+2/ Diploma level as prescribed. However, the admissions to NRI seats shall be made by the Govt/ Govt-aided, Self-financing Institutions on merit based upon the marks obtained in the qualifying examination and the documents shall be made available by management of self-financing institutes/ colleges to the admission making agency/ State Govt. for scrutiny as and when asked for.

These 5% seats will be out of the payment seats quota. The NRI candidates shall have to contact directly the respective self-financing colleges to which they intend to seeking admission. The cut-off date for admission against NRI seats will be 30.09.2002. The management of Self-financing colleges/ institutes will put advertisements in the National/ Regional News papers for calling application for NRI seats, prepare merit list and hold the counselling for admission.

5% seats out of the total seats are meant for NRI candidates for which the candidates are required to fill up admission form for B.E/ B.Tech./ B. Arch.-2002-2003 appended at the end of this information brochure. Proof of being NRI candidate may be attached with application form alongwith other requirements.

C-6. COUNSELLING AND ADMISSION-2002

(i) At the time of counselling, the candidates will be required to exercise their choice for the institution and the course available at that point of time. The allotment of the seats shall be made strictly according to the merit and preference exercised by the candidates at the time of counselling. Option once exercised shall be final. If a candidate does not get institution/course of his /her choice, he/she may opt to be wait-listed. If a candidate opts for a course and institution before the counselling board and fails to join the concerned course/college within three days from the start of the classes, his/her candidature will stand cancelled. However, such candidate may appear again as a fresh candidate in the next counselling, if held, and he/she will be considered for admission as per merit subject to availability of seats at that time. The candidate who does not report on the due date of

the counselling may be considered for admission as per the availability of seats at the time of his/her reporting.

(ii) After the first counselling is over, there will be second counselling for readjustment of seats against any vacancy/drop outs, by notifying the vacancies on the Notice Board of Regional Engineering College, Kurukshetra, from all the students from rank 1 onward who wish to be present, as per counselling schedule to be notified separately in the leading national dailies. The re-allocation of disciplines to the already admitted students in any situation would be done on the basis of CEET merit. If seats still remain vacant, the same procedure shall be followed for notification calling for a third Counselling (Walk-in Counselling) for those candidates who had not applied for Admission earlier but had appeared in CEET-2002. After this third Counselling, there will be Internal Sliding of seats at respective colleges, in the presence of representative(s) of affiliating University, and Principal, REC, Kurukshetra, as mentioned before.

After Internal Sliding, Self-financing Colleges will fill up their lapsed seats intimated/notified by REC, Kurukshetra, in the presence of representative(s) of affiliating University and Principal, REC, Kurukshetra, after calling the applications for lapsed seats through advertisement indicating also the date of counselling in the leading newspapers and preparing a merit list. These seats will be filled up first from amongst the candidates who have appeared in CEET-2002, followed by those who had appeared in AIEEE-2002 on the merit of their respective tests. Seats still remaining unfilled will NOT be filled up.

In any case, no admission will be made by any College after 30.9.2002 without the prior permission of the competent authority.

(iii) Depending upon the merit and availability of seats in various colleges/disciplines the students should come prepared and make up their mind at the time of counselling and no subsequent change in the college/discipline will be allowed. The candidate should, therefore, exercise his/her option with due care.

(iv) If the seats reserved for physically handicapped remain unutilized due to non-availability of suitable category of handicapped candidates, the seats shall be offered to Ex-serviceman and their wards (1%) and the dependents of Freedom Fighter (1%). The reservation policy is subject to revision/State Government decision and the same as applicable on the last date of submission of Admission Form shall be followed.

(v) All original academic certificates will be returned to the admitted candidates (not applicable to those admitted to RECK or ORECs) after verification by the Admission Committee.

(vi) The candidates, if selected, will be required to deposit fees, securities etc., on the spot only through a Demand Draft, drawn in favour of The Principal, Regional Engineering College, Kurukshetra, payable at the SBI, (Branch Code No. 6260) Regional Engineering College, Kurukshetra. Fee in any other form will not be accepted.

(vii) The duly admitted candidates will be governed by the rules and regulations of the college concerned and its affiliating University. All matters relating to the admitted candidates will be dealt with by the respective Institute/College only.

C-7 Approved Fee Structure w e. f. Academic Session 2002-2003 for Engineering Colleges in Haryana as notified by Director Technical Education, Haryana.

Sr. No.	Item	Free Seat	Paid Seat	NRI	Remarks
1.	Tuition Fee (p.a.)	5,000/-	44,000/-	*In US\$ or equivalent	To be charged Semester-wise
2.	Develop. Fee(p.a.)	3,000/-	8,000/-	US\$1000/-	Annual Basis
3.	Students Fund(p.a.)	1,200/-	1,200/-	Rs. 1200/-	-do-
4.	Refundable Security (one time)	1,200/-	1,200/-	Rs. 1200/-	At the time of admission in 1 st Sem.
5.	Room Rent including Water & Elect.Charges(p.a.)				
	Single Seater	5,000/-	5,000/-	Rs. 5,000/-	On Sem. Basis
	Double Seater	4,000/-	4,000/-	Rs. 4,000/-	-do-
	Triple Seater	2,500/-	2,500/-	Rs. 2,500/-	-do-

Mess Charges, Transportation Charges etc. on **actual basis** to be charged **every month**.
*US\$ 2500 for IT related Courses i.e.ECE,CO and IT;US\$ 1500 for C and ARCH and US\$2000 for all other courses and to be charged in two equal instalments.

- NOTE:
1. Tuition Fee + Development Fee for B.Tech. Information Technology Course at YMCA Institute of Engineering, Faridabad shall be Rs. 30,000/- per annum.
 2. Tuition Fee + Development Fee for B.E. Courses at GJUIET, Hisar, shall be Rs.30,000 per annum + annual charges to be specified by GJU, Hisar except for NRI/ Industries Sponsored (IS)seats.
 3. Room Rent in REC, Kurukshetra shall be as below excluding Electricity Charges(which will be charged on actual basis):-
Single Seater Rs. 3,500/- per annum
Double Seater Rs. 2,500/- per annum
Triple Seater Rs. 1,500/- per annum
 4. Room Rent at YMCA Institute of Engg., Faridabad inclusive of Water and Electricity Charges is to the extent of Rs. 580/- per annum. Additional expenditure on this behalf as per actual shall be charged extra on semester basis.
 5. Above fee structure is subject to change by the competent authority at any time. The student shall have to pay enhanced fees as and when notified by the competent authority/State Govt. The Revision in Fee structure, if any, during the entire course shall be applicable to the students admitted in 2002-2003. No further fee, interest free security deposit or charges of any kind under any name would be collected by the self-financing institutions from the students.
 6. A processing fee of Rs. 200/-(Rs.50/- for SC/ST/OBCs) per admitted candidate shall be charged from all candidates, which shall be retained by the REC Kurukshetra.
 7. A candidate who has been admitted to ORECs in the country will have to deposit Rs. 700/- as initial fee (Rs. 500/- for SC/ST students). The balance fee would be charged by the concerned REC at the time of joining.
 8. In case a candidate admitted against payment seat withdraws his/her admission, the fee deposited by such candidate withdrawing before 11.9.2002 shall be refunded after deducting Rs. 5,000/-which will be retained by REC, Kurukshetra. In case an admitted student withdraws his/her admission between 12.9.2002 to 29.9.2002, the fee deposited by the withdrawing candidate shall be deducted Rs. 5,000/- by the concerned College. In case the admitted candidate withdraws his/her admission after 30.9.2002, no fee shall be refunded. However, the concerned College will issue College Leaving Certificate to the admitting candidate and also return his/her refundable securities etc. after adjusting other dues, if any.
 9. 80% of the fees collected by the REC, Kurukshetra during central counselling shall be transferred by the REC, Kurukshetra to all Colleges on or before 30.9.2002. Balance fee shall be transferred to all Colleges by REC, Kurukshetra within one month from the date of final reconciliation, which would be done by 31-10-2002.
 - 10.**IF AT ANY STAGE,COLLEGE/INSTITUTE CONCERNED IS FOUND TO BE CHARGING FEES CONTRARY TO THE ABOVE,COLLEGE/INSTITUTION SHALL BE LIABLE FOR LEGAL ACTION.**

PART-D

RULES AND PROCEDURES FOR ADMISSION TO 4-YEAR ENGG./5-YEAR ARCHITECTURE DEGREE COURSES IN REGIONAL ENGINEERING COLLEGE, KURUKSHETRA AND OTHER REGIONAL ENGINEERING COLLEGES

D-1 For consideration of admission to any of the following 17 RECs in the country, a candidate has to make a single application. The Regional Engineering College to which a candidate has to make application depends on the location of the School/College/Institution from where he/she has passed the qualifying examination. Candidates from Haryana or UTs of Delhi and Chandigarh should apply only to the Regional Engineering College, Kurukshetra. The tentative distribution of seats in various disciplines is given in Tables B1 and B2.

D-2 ELIGIBILITY FOR ADMISSION

In addition to the fulfillment of the conditions as mentioned in the Common Rules & Procedure for Admission, a candidate is eligible for admission to the first year of the B.Tech. Degree Course if he/she fulfills the following requirements:

- i) Minimum prescribed academic qualifications for admission laid down by the respective REC given in this part, by 03.07.2002 i.e. upto the last date of submission of Admission Form.
- ii) Eligibility conditions/requirements(including Aptitude Test for B.Arch. if applicable) as mentioned in D-3 below.

D-3 ALLOCATION OF SEATS

i) A candidate is eligible for the seats of that State in which the School or College from where he/she has passed the qualifying examination, is located. An Indian National studying abroad and passing the qualifying exam from a School or College located abroad shall be deemed to have passed from a School or College located in the State in India of which he/she is permanent resident. Permanent residence shall be determined from the address mentioned in the Passport.

ii) The children/wards (if parents not alive) of (a) Haryana Govt. Employees (b) Persons employed in connection with the affairs of the Haryana Govt. (including those on deputation to the Government of India or other similar Organisations and (c) employees of the Autonomous Bodies/Boards/Corporations of Haryana State whether posted in or outside Haryana State, will also be eligible for the seats meant for the Home State Quota of Haryana at Regional Engineering College, Kurukshetra irrespective of the location of School/College from where they have passed the qualifying examination. This rule will not be applicable to 50% outside State quota of seats of Regional Engg. College(s) other than Kurukshetra. If candidates also apply to the Regional Engineering College assigned

to the State from where they have passed their qualifying examination, they must submit an affidavit to that College indicating that they are also applying against the Home Quota of seats. Candidates seeking admission under this clause are required to submit a certificate (Annexure-IX) from the employer of their parents/guardian (if parents not alive) in support of their claims.

iii) Admission is open to both male and female candidates. The girl candidates, before accepting admission to any Regional Engineering College, should confirm from the Admission Committee at the time of admission whether hostel accommodation for girls is available or not in that college.

iv) The number of seats available in various Regional Engineering Colleges, to candidates passing their qualifying examinations (12th of 10+2) from the Schools/Colleges located in Haryana, Chandigarh and Delhi are given in the Tables B-1 and B-2. Seats reserved for candidates belonging to SC, ST, BC and PH are also indicated therein. For being eligible against the seats meant for the SC/ST category, the candidates are required to furnish SC/ST certificate from the respective State i.e. Haryana/UT in support of their claim. The reserved seats are meant for the reserved category of the respective State. In case the SC/ST reserved seats are not filled, the same would be filled by the eligible candidates of these categories from other States as per the policy laid down by the Government of India, Ministry of Human Resource Development, for RECs.

v) For Backward Class (BC) candidates: A candidate for this category shall have to specifically mention the same in his/her application form and submit a certificate from the revenue authorities of the district concerned that he/she belongs to Block-A or Block-B of Backward class of Haryana according to the notification No. 1170/SW/(I)-95 dated 7.6.1995 and No. 1883/SW(I)-95 dated 28.9.1995 of the Haryana Government on the form prescribed in Annexure-V. In case candidates from one category of BC are not available, seats remaining vacant may be filled from the other category of BC.

D-4 ADMISSION & FEE

- i) Candidates who are selected will be required to deposit all original certificates in REC, Kurukshetra. The original certificates in respect of the candidates admitted for ORECs will be sent to the concerned Colleges, for the purposes of Registration. The original SC/ST/BC/PH/Migration Certificate/Employer's Certificate, however, will not be returned.
- ii) The candidates selected for admission to RECK will be required to deposit an amount of Rs. 7750/- and for admission to ORECs Rs.700/- (Rs. 500/- for SC/ST Candidates) through Bank Draft in favour of The Principal, Regional Engg.College, Kurukshetra as tentative fees etc. The balance of the fees will be paid by the candidate to the College to which he/she is admitted on his/her reporting to that College. This amount is forfeited if the selected candidate does not join that College.
- iii) The candidates, other than those who have passed the qualifying examination from Haryana Board of School Education admitted to the RECK will have to submit Migration Certificate within one month of their admission failing which their admission is liable to automatic cancellation.
- iv) The candidates admitted for ORECs will be governed by the rules and regulations of those Colleges and affiliating Universities.

D-5 FILLING UP OF SEATS

- i) Candidates should read carefully the rules and procedures as laid down under Important Information given in the beginning of this Brochure. Candidates from Haryana, who are admitted to ORECs after all the seats at Kurukshetra are filled, will be considered for any subsequent vacancy at REC, Kurukshetra provided the same can be filled before the last date of admission. For this purpose, the interested candidates will have to attend subsequent counselling (s) at their own risk and responsibility. All such admissions will initially be made without branch allocation; the branches will be allocated later on.

D-6 RE-ADJUSTMENT/CHANGE OF BRANCHES

For any seat falling vacant after the counselling and upto the last date of admission at this College, the candidates will be allowed re-adjustment of branches within the State quota/respective category in order of merit and on the criteria with which they were admitted. For subsequent vacancies, the readjustments will be allowed only before the start of 3rd semester on the basis of the result of Ist +2nd semester irrespective of the State quota/category. In no case the strength in a discipline, will be allowed to fall below 75% of the sanctioned strength of that branch.

TENTATIVE MINIMUM QUALIFICATIONS FOR ADMISSION TO THE REGIONAL ENGINEERING COLLEGES

1. KURUKSHETRA - 4 Year Courses

- i) The candidate should have passed the Senior Secondary Certificate Examination (10+2) from the Board of School Education, Haryana or its equivalent. The candidates should have passed in the subjects of English, Physics, Chemistry and Mathematics in the above-mentioned examination and obtained at least 50% marks in the aggregate of Physics, Chemistry and Mathematics in the above mentioned examination.

In case of SC/ST candidates, no minimum percentage of marks is prescribed and merely pass in qualifying examination with said subjects is adequate.

- ii) No age limit prescribed.

2. ALLAHABAD - 4 Year Courses

General: Intermediate with 50% marks in PCM & pass in English.

SC/ST: Intermediate with PCM and pass in English.

Age : 22 years maximum on 1.10.2001 for general, relaxable by 3 years for SC/ST candidates.

3. BHOPAL - 5 Year Course in Architecture/4-Year Course in other Disciplines.

- i) Must have passed 10+2 or equivalent examination from a recognised Board/ University with Physics, Chemistry and Maths (PCM) with 50% marks in the aggregate of PCM and pass in English.
- ii) SC/ST candidates are eligible on mere pass at the qualifying examination.

4. CALICUT - 4 Year Courses

- i) Candidates should have passed the Pre-Degree Examination of the University of Calicut or equivalent examination recognised by the University of Calicut with 50% marks in Mathematics and 50% marks in aggregate in Physics, Chemistry and Mathematics. Candidates belonging to SC/ST are required to secure the minimum pass marks in the qualifying examination.
- ii) Age : 17 years as on 31.12.2001.

5. DURGAPUR - 4 Year Courses

- i) Candidates should have passed 10+2 Higher Secondary Examination of West Bengal Council of Higher Secondary Education with Physics, Chemistry, Mathematics and English or an Equivalent Examination.
- ii) Candidates should not be over 23 years as on 1.8.2001 (26 years for SC/ST candidates).

6. HAMIRPUR - 4 Year Courses

- i) The candidates should have passed 10+2 Science Standard Examination of H.P. Board of School Education or its equivalent.
- ii) The Candidates should have passed in the subjects of English, Physics, Mathematics and Chemistry.
- iii) There is no minimum age limit prescribed.

7. JAIPUR - 5 Year Course in B.Arch and 4 Year Courses in other Engineering Disciplines.

- i) The candidates must have passed the Senior Secondary Examination (Science) conducted by a statutory Board at the end of 12 years (10+2) with Physics, Chemistry, Mathematics and English as compulsory subjects or any other examination recognised equivalent or higher thereto.
- ii) A candidate should not be less than 17 years of age and also should not be more than 23 years of age as on 01.10.2001 (upper age relaxable by 3 years for SC/ST).

8. JALLANDHAR - 4 Year Courses

- i) The candidate should have passed 10+2 (Science Stream) examination with Physics, Chemistry, Mathematics and English or its equivalent examination conducted by a recognised Board/University/Council.
- ii) No age limit prescribed.

9. JAMSHEDPUR - 4 Year Courses

- i) The candidates must have passed 10+2 Intermediate Science/Standard XII examinations or its equivalent with Physics, Chemistry, Mathematics and English.
- (ii) The candidate should not be above 22 years of age as on 1.10.2001 (relaxable by 5 year in case of SC/ST candidates).

10. NAGPUR

(A) 4 Year Courses in Engineering Branches

- i) Candidates should have passed the Higher Secondary Examinations of 10+2 Scheme of Maharashtra State with Physics, Chemistry, Mathematics and English or its equivalent examination and should have secured at least 50% marks in Physics, Chemistry and Mathematics taken together at one and the same sitting and at least minimum pass marks in English.
- (ii) SC/ST candidates should have passed the Higher Secondary Examination mentioned in (i) above and should have secured at least 45% marks in Physics, Chemistry and Mathematics taken together at one and the same sitting and at least minimum pass marks in English.

Note : The Qualification for Ist year B.E./B.Arch. course will be subject to modification as may be decided by the Nagpur University and Govt. of Maharashtra.

(B) 5 Year Course in Architecture

Candidates should have passed the Higher Secondary Examination mentioned at (i) above and should have secured at least 50% marks in aggregate for open category and 45% marks for the reserved category.

- iii) No maximum or minimum age limit prescribed.

11 ROURKELA - 4 Year Courses

- i) The minimum qualification required is passing the 10+2 Science Examination of the Council of Higher Education, Orissa or any other examination recognised by the Sambalpur University as equivalent thereto with Physics, Chemistry, Mathematics and English in single sitting (not Compartmentally).

12. SILCHAR - 4 Year Courses

- i) The candidate must have passed in a single sitting (not compartmentally) the two years Pre-University Examination/Twelve Year Higher Secondary Examination/10+2 Examination or equivalent to the above and recognised by Assam University. The minimum percentage of marks in Physics, Chemistry and Mathematics must not be less than 50% marks and pass in English (without grace) in a single sitting (not compartmentally).

The minimum qualification for SC/ST candidates will be a pass in a single sitting (not compt.) with a minimum 45% marks for SC and 40% marks for ST in PCM and pass in English.

- ii) Minimum and maximum age limit:- The minimum age limit on 01.10.2001 is 16 years and the maximum is 21 years. There will be a relaxation of upper age limit by 2 years for SC/ST candidates.

13. SRINAGAR - 4 Year Courses

The candidate should have passed Hr.Sec. Part-II/TDC-Part-I (10+2) level scheme of examination of a recognised statutory Board/University in English, Physics, Chemistry and Mathematics with not less than 50% marks in aggregate (40% for SC/ST).

Age Limit : Not prescribed

14. SURAT - 4 Year Courses

- i) Candidates must have passed the Higher Secondary Certificate examination (10+2) scheme of the Higher Secondary Board of Gujarat or any equivalent examination there to and must have secured at least 50% marks in (aggregate) Physics, Chemistry and Mathematics and must have passed in English. In case of SC/ST candidates no minimum percentage of marks is prescribed and mere pass in qualifying examination with said subjects and pass in English is required.
- ii) No minimum or maximum age is prescribed.

15. SURATHKAL - 4 Year Courses

- i) Candidates who have passed the two year Pre-University Exam conducted by the Pre-University Education Board of Karnataka or any other Examination considered equivalent by Manglore University with Physics, Chemistry and Mathematics. The candidate should have obtained not less than 50% marks in the aggregate of PCM (40% marks for SC/ST).
- ii) No age restriction.

16. TIRUCHIRAPALLI-4 Year Courses in BE/B.Tech and 5 Year Course in B.Arch.

- i) The candidates should have passed the Higher Secondary Examination 12 years of schooling in the 10+2 pattern or any other examination recognised by the Bharathidasan University Tiruchirapalli as equivalent thereto with a minimum aggregate of 60% marks in Physics, Chemistry and Mathematics obtained in a single sitting. A pass in English in their qualifying examination. Mere pass in single sitting for candidates belonging to SC/ST.
- ii) The candidates should not be above 21 years of age on 1st July 2001 (the age limit is relaxable by not more than 3 years in the case of SC/ST candidates).

17. WARANGAL

- i) Candidates should have passed the Intermediate examination of the Board of Intermediate Education of Andhra Pradesh or any other Examination recognised as equivalent thereto or a public examination conducted by a statutory Govt. body with Mathematics, Physics and Chemistry after 12 years of schooling (10+2 pattern), commencing from Ist standard or its equivalent examination. Candidates should have studied English as one of the subjects at the qualifying examination and passed in that subject.
- ii) Candidates should have completed 16 years of age as on 31.12.2001. There is no upper age limit.