

## HEC CAMPUS ACCREDITATION PROFILE

<b>General Information of the Institution</b>					
Name of the Institution	Haryana Engineering College, Old Chhachhrauli Road, Jagadhri-135003, Distt. Yamuna Nagar.				
Date of Incorporation	1998				
Type of the Institution	Self Financed –Institution Affiliated to <b>Kurukshetra University, Kurukshetra</b>				
Registered Address	Mata Sudershan Tilak Raj Dhawan Educational Trust, A-1, Tribune Colony, Ambala Cantt.133 001				
Location of the Institute	Institute is located in the Municipal Corporation limit of Jagadhri-Yamuna Nagar City and is 200 Kms from Delhi, 50 Kms from Kurukshetra & Ambala and 90 Kms from Chandigarh.				
Building Status	Owned				
Total Carpet Area of the building	2.8 lacs square ft.				
<b>Key Personnel Information</b>					
Name of the Person	Age	Title	% age of Stake if any	Contact Details	Remarks
Dr. Kuldeep Singh	61	Principal	Nil	Mobile :- 82958-32904 Email:- principal@hec.edu.in	Educationist
Mr. Mahesh Pratap Singh	38 Years	Registrar Academics	Nil	Mobile:- 98131-34445 E-mail:- registraracademics@hec.edu.in	Administrator
Ms Pratibha	42	Registrar Finance	Nil	M:- 9896077424 E-mail:- registrarfinance@hec.edu.in	Administrator
Ashwani Kumar Chhabra	46 Years	Training & Placement Officer	Nil	Mobile:- 98120-25999 E-mail:- tpo@hec.edu.in ashwani.chhabra@gmail.com	TPO

### **Board of Governors of HEC, Jagadhri.**

S.No.	Name	Status	Profession	Address
1	Sh Inderjeet Bajaj	Chairman	Industrialist	House no. 1088, Sector-7, Panchakula
2	Sh. H.C. Dhawan	Member	Industrialist	D-U, 34, Pitampura, New Delhi
3	Sh. Anil Verma	Member	Industrialist	House no. 1383, Sector 33-C, Chandigarh
4	Sh. Yashwant Krishan Mittal	Member	Industrialist	292, Sector-33, Chandigarh

5	Sh.Anod Kumar Dhawan	Member	Industrialist	QU-286-A, Pitam Pura, Delhi
6	Dr. J.K. Kohli	Member	Educationist	QU-281-A, Chitrakoot, Pitampura, Delhi
7	Sh. Raj Vadhera	Member	Industrialist	House no. 91, Engineers Enclave, Pitampura, Delhi
8	Dr. A.K. Goel	Member	Educationist	House No. 1019, Sector-42-B, Chandigarh
9	Sh. V.K. Mehta	Member	Professional	Executive Director, SAIL, Kolkata
10	Sh. Rishi Aggarwal	Member	Industrialist	Chandigarh
11	Smt. Swarana Dhawan	Member	Social worker	D-U, 34, Pitampura, New Delhi
12	Smt. Indu Bajaj,	Member	Social Worker	House no. 1088, Sector-7, Panchkula
13	Dr. Kuldeep Singh	Member Secretary	Educationist	Principal, Haryana Engg. College, Jagadhri

### **ACCEDEMICS INFRASTRUCTURE**

Total numbers of Classrooms:	42.(This includes Tutee Rooms	Total numbers of Labs – 51.
Total numbers of Computers	650.	
Area in Sft. of your library and total no of books in library. Give Brief details (Enclosed)	Total Area : - 15000 sqft. Total No. of Books:- 30750 including engineering and management with 5308 titles of books.	
Do you have e-learning lab for tech. skills and soft skills enhancement for the students, not in scope of the university syllabus?	Yes	
Do you have online training classrooms?	Yes No. of Classrooms – 03      No. of Computers - 350 No. of LCD Projectors – 10      No. of Servers - 05	

### **Affiliation and Course Offered Details**

University Affiliated to	Kurukshetra University, Kurukshetra	
B.Tech.	ECE	120 ( At present)
	CSE	120 ( At present)
	ME	60
	EE	60
	ICE	30
MBA	MBA	60
NBA Certification	Applied for	
Any Other	ISO 9001 : 2008 Certified Institute	

Certification	
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### ACADEMIC MILESTONES – LAST 6 YEARS

S.No.	Batch	Branch	University Topper Name	Roll No.	Marks Obtained	Marks %
1	2006-10	EE	Saranjeet Kaur	1805107	4579/6180	74
2		CSE	Shilpi	1806558	4850/5630	86.14

S.No.	Batch	Branch	University Topper Name	Roll No.	Marks Obtained	Marks %
1	2005-09	IC	Arivind Kumar	1805107	4579/6180	74
2		CSE	Sampada	1805355	4786/5630	85
3		EE	Nidhi Mittal	1805476	4937/6180	79.88

S.No.	Batch	Branch	University Topper Name	Roll No.	Marks Obtained	Marks %
1	2004-08	ECE	Anubhuti Bansal	1804290	5027/6180	81
2		ME	Karandeep Singh	1804526	4977/6155	86

S.No.	Batch	Branch	University Topper Name	Roll No.	Marks Obtained	Marks %
1	2003-07	IC	Chhaya Khurana	1803105	4816/6200	77.67
2		EE	Vimmi Grover	1803467	4939/6200	79.66

S.No.	Batch	Branch	University Topper Name	Roll No.	Marks Obtained	Marks %
1	2002-06	EE	Shaveta Goel	1802409	4263/5400	78.94

S.No.	Batch	Branch	University Topper Name	Roll No.	Marks Obtained	Marks %
1	2001-05	IC	Deepti Gambhir	1801122	4303/5400	79.68
2		EE	Surbhi Dandona	1801495	4420/5400	81.85

### ACADEMIC PERFORMANCE – LAST 5 YEARS

S.No.	Batch	Branch	Candidates Appeared	RLA Candidates	Candidates Passed	Pass %
1	2006-10	IC	63	1	53	84.1
2		ECE	133	4	101	78.9
3		CSE	100	0	85	88.5
4		EE	96	2	82	85.41
5		ME	66	2	48	75

S.No.	Batch	Branch	Candidates Appeared	RLA Candidates	Candidates Passed	Pass %
1	2005-09	IC	40	4	25	69
2		ECE	94	1	89	94.8
3		CSE	95	1	88	92.63
4		EE	60	3	49	81.66
5		ME	66	-	51	77.2

S.No.	Batch	Branch	Candidates Appeared	RLA Candidates	Candidates Passed	Pass %
1	2004-08	ECE	94	2	85	90.42
2		CSE	95	0	63	66.31
3		EE	64	2	61	95.31
4		ME	61	0	45	73.7

S.No.	Batch	Branch	Candidates Appeared	RLA Candidates	Candidates Passed	Pass %
1	2003-07	IC	20	0	14	70%
2		ECE	99	0	93	93.9%
3		CSE	80	0	77	96.2%
4		EE	65	1	59	90.76

S.No.	Batch	Branch	Candidates Appeared	RLA Candidates	Candidates Passed	Pass %
1	2002-06	IC	41	1	29	72.5
2		ECE	99	-	82	82.8
3		CSE	84	1	74	89.1
4		EE	65	-	60	92.30

### **Campus Recruitment Facility**

Seminar Hall	Available with 150 Students Capacity
Lecture Rooms for Written Test	Available
Rooms for Interviews	Available in Training & Placement Cell
LCD/Projector	Available
Placement Head Name	Ashwani Kumar Chhabra
Placement Head Contact Details	Phone No's - 098120-25999(M), 01732-247403(O) E-mail – tpo@hec.edu.in
Any other Additional Information you would like to furnish in your Institution's favor :	All the Admissions are done on Merit and the Fees structure is prescribed by the Haryana State Fee Committee. Due to Merit, Institute attracts high ranking students from All Over India.

### **Details of labs facilities in college**

#### **Electronics & Communication Deptt.**

S.No.	Name of the Lab
1.	Basic Electronics Lab
2.	Digital Electronics Lab
3.	Analog Communication Lab
4.	Digital Communication Lab
5.	DSP Lab
6.	Electronics Design Lab
7.	Microwave Lab
8.	Project Lab
9.	Audio Visual Lab

10.	Communication Lab
11.	Mobile Communication Lab

### **Computer Science & Engg. Deptt.**

<b>S.No.</b>	<b>Name of the Lab</b>
1.	Internet Lab
2.	Minor/Major Project Lab
3.	Project Development Lab
4.	Software Lab - I
5.	Software Lab – II
6.	Graphics Lab - I
7.	Graphics Lab – II
8.	Computer 'C' Practical Lab & Hardware Lab

### **Electronics Engg. Deptt.**

<b>S.No.</b>	<b>Name of the Lab</b>
1.	Elements of Electronics Engg. Lab
2.	Semiconductor Devices and Circuit Lab
3.	Digital Electronics Lab
4.	Project Lab
5.	Circuit Simulation Lab
6.	Advanced Computer Programming Lab
7.	Embedded System Design Lab
8.	Design of Fuzzy System Lab
9.	VHDL Lab
10.	Data Structure Lab
11.	Minor/Major Project Lab

### **Mechanical Engg. Deptt.**

<b>S.No.</b>	<b>Name of the Lab</b>
1.	Machine Shop
2.	Carpentry & Foundry Shop
3.	Welding Shop
4.	Thermodynamics
5.	Thermal Machine
6.	Strength of Material
7.	Hydraulic Machine
8.	Fluid Machine
9.	CAD/CAM Lab
10.	Measurement
11.	Kinematics of Machine/Dynamic of M/c
12.	Industrial Engineering Lab
13.	Mechanical Vibration Lab

### **Instrumentation & Control Engg. Deptt.**

<b>S.No.</b>	<b>Name of the Lab</b>
1.	Electrical machine lab
2.	Control system lab.
3.	Electrical Technology Lab.
4.	Micro controller based Instrumentation & Control Lab
5.	Project lab
6.	Power System Lab. Computer Application Lab

7.	Measurement & Instrumentation Lab.
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### Master of Business Deptt.

S.No.	Name of the Lab
1.	System Lab

### Library Details

#### Introduction:

Central library of HEC has been set up to cater the reading and learning needs of students which is open from 09:00 am to 09:00 pm and it has grown in size, collection and services and it is housed in a separate building in two blocks. The Library has 15000 sqft. covered area. The Library has its five branch libraries in the form of departmental libraries e.g. Mechanical Engineering, Electronics Engineering, Computer Engineering, Electronic & Communication Engineering and Applied Sciences.

#### Library Collection:-

Total number of Books =30750

Total number of Video Cassettes/ cds =1130

#### Periodicals(printed):

A. Indian Journals = 91

B. Foreign Journals = 48

#### E-Resources:

The Library is member of INDEST-AICTE Consortium through which our library users can access a large number of **E- journals**.

S.No	Name of E- Resources	Qty
1.	IEEE/ IEL Online	229
2.	ASME (Including AMR)	23

#### Library Timings:

The timings of the library are 09:00 am to 09:00 pm during all working days. Circulation services are provided only during College working hours.

#### Library Sections:

The library has different sections, which are as under:

Reference Section

Circulation Section

Periodicals Section

Audio-Visual Section

Technical Section

#### Video Cassettes & CD-ROM facilities:-

There are more than 1130 Educational DVDs & CDs available in Audio-visual section of the library, which are viewed by library users on regular basis. Library provides Internet services to its users. There are 10 Computers in the library, which have Internet Connection for the users.

#### Digital Library facility:-

The library has On-line journal search facility through INDEST-AICTE consortium.

#### Book Bank Facility: -

Library has Book Bank, which caters to the needs of economically weak students or SC/ST Students. Books are issued for full Semester and every year, 400 students are benefitted by this.

#### Reprographic Facility:-

Documents or Xeroxed copies of articles, which are not available in the central library, these may be provided from other libraries on request of users

### **Human Resources – Faculty**

#### **Electronics & Communication Engg. Deptt.**

S.No.	Deptt.	Designation				Total
		Professors	Associate Professors	Assistant Professor	Lecturer	
1.	ECE	01	01	06	15	23

Average experience of faculty members : 4/6 years.

Visiting faculty ratio : Visiting faculty invited in the form of Guest Lecturers

#### **Computer Science & Engg. Deptt.**

S.No.	Deptt.	Designation				Total
		Professors	Associate Professors	Assistant Professor	Lecturer	
1.	CSE	02	01	06	20	29

Average experience of faculty members : 5/6 years.

Visiting faculty ratio : Visiting faculty invited in the form of Guest Lecturers

#### **Electronics Engg. Deptt.**

S.No.	Deptt.	Designation				Total
		Professors	Associate Professors	Assistant Professor	Lecturer	
1.	EE	01	01	02	15	19

Average experience of faculty members : 4/5 years.

Visiting faculty ratio : Visiting faculty invited in the form of Guest Lecturers

#### **Mechanical Engg. Deptt.**

S.No.	Deptt.	Designation				Total
		Professors	Associate Professors	Assistant Professor	Lecturer	
1.	ME	01	01	02	14	18

Average experience of faculty members : 7/8 years.

Visiting faculty ratio : Visiting faculty invited in the form of Guest Lecturers

#### **Instrumentation & Control. Deptt.**

S.No.	Deptt.	Designation				Total
		Professors	Associate Professors	Assistant Professor	Lecturer	
1.	ICE	01	01	02	10	14

Average experience of faculty members : 3/4 years.

Visiting faculty ratio : Visiting faculty invited in the form of Guest Lecturers

### Master of Business Deptt.

S.No.	Deptt.	Designation				Total
		Professors	Associate Professors	Assistant Professor	Lecturer	
1.	MBA	01	01	02	07	11

Average experience of faculty members : 4 years.

Visiting faculty ratio : Visiting faculty invited in the form of Guest Lecturers

#### Teaching Methodology

1. Planning:- Strictly follow the academics schedule as prescribed by the University. Faculty plan their lectures keeping in mind the current topics as the part of curriculum and as per requirement of students.
2. Delivery of lectures:- faculty mostly use LCD projector and slides to make learning more lucid and effective.
3. Control feedback:- By evaluation of assignments, practical ability testing and routine sessionals.
4. Assignments:- Assignments are regular feature of the academic schedule and always includes the current patterns of the subjects.
5. Guest lectures:- Inviting eminent guests for lectures is routine practice. The frequency of inviting a guest lecture for a particular branch of Engg. is once in a week.
6. Repair lectures:- Lecturers from IIT-Roorkee, NIT-Kurukshetra, Thapar-Patiala are as a part of academics.
7. Academic Audit:- This audit is done through sessionals, researches and project reports.

#### MOU for the training and projects

- a) CISCO, Pearson and Hughes Fusion Net.
- b) Purple Leap, Bangalore,
- c) Ballarpur Industries, Saraswati Sugar Mills, Bharat Starch & Indian Railway Workshop for B.Tech. ME, ICE, ELE, & Chemical.
- d) ICICI, HDFC, Max New York Life, Bajaj Allianz & Religare Securities Ltd. For MBA.
- f) C-DAC for B.Tech. ECE, CSE, IT & MCA.
- g) HCL Infosystem, for B.Tech. CSE, IT & MCA.
- h) Rockwell Automation for ICE & EE.
- i) Agile Enterprises for faculty development.
- j) KYRON, New Delhi.
- k) Alsoft Solutions Inc, Chandigarh.