

#### OFFICE OF THE DEAN OF COLLEGES

DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL, SONEPAT, HARYANA (INDIA)-131039. (A GOVT. OF HARYANA UNIVERSITY)

Ref. No. DCRUST/CB/11/9/2017/ 776
Dated: 15/9/17

То

The Director- Principal,

Gateway Institute of Engineering & Technology, Sonepat.

Sub: Regarding grant of extension / continuation in temporary affiliation for existing courses for the session 2017-18, 2018-19 & 2019-20 in respect of Gateway Institute of Engineering & Technology, Sonepat.

It is intimated that the inspection committee, constituted by this University, visited your institute on 18.08.2017 to check the availability of requisite infrastructural facilities, labs, faculty and other support systems, etc. to consider the matter of continuation / extension in provisional affiliation of existing UG courses, i.e., B. Tech. in CSE (60 seats), ECE (30 seats), ME (60 seats), CE (30 seats) & BHM (60 seats) of your institute and has submitted the report.

The competent authority, after considering the report, has been pleased to grant temporary affiliation for the session 2017-18, 2018-19 & 2019-20 for the existing courses with earlier sanctioned intake, i.e., B. Tech. in CSE (60 seats), ECE (30 seats), ME (60 seats), CE (30 seats) & BHM (60 seats) for the 2017-18, 2018-19 and 2019-20 subject to fulfillment of the deficiencies pointed out by the inspection committee. A photocopy of the inspection report dated 18.08.2017 is enclosed herewith for necessary compliance. The compliance report (alongwith all supporting documents / proofs such as bills of materials / items procured, photographs / maps of facilities created, etc.) be submitted at the earliest.

The above provisional affiliation for the existing UG/<del>PG</del> courses with earlier sanctioned intake is further subject to the condition that the institute will make full compliance of the provisions laid down in the Statute, Ordinance and the decisions taken by this University from time to time.

Further, it is made clear that in the event of non compliance / fulfillment of the prescribed conditions / requirements, the University shall have the right to withdraw / refuse the provisional affiliation to the institute in the next academic session and all responsibilities arising due to such refusal / withdraw ! would solely be that of the said institute / trust.

DA: As above.

Asstt. Registrar (Colleges) for Dean of Colleges

### Endst. No. DCRUST/CB/11/9/2017/

#### Dated:

A copy of the above is forwarded to the following for information and further necessary action:

1. The Member Secretary, AICTE, 7th Floor, Chander Lok Building, Jan Path, Cannaught Place, New Delhi-110001.

2. Controller of Examinations, Deenbandhu Chhotu Ram University of Science &

3. Dean, Academic Affairs, Deenbandhu Chhotu Ram University of Science &

4. Asstt. Registrar, Regn., Deenbandhu Chhotu Ram University of Science & Technology, Murthal.

5. P.A. to H.V.C. (for kind information of Hon'ble Vice-Chancellor).

6. P.A. to Registrar (for kind information of worthy Registrar).

Asstt. Registrar (Colleges) for Dean of Colleges

DEENBANDHU CHHOTU RAM

WIRTHAL 31 039(SONEPAT)

DEPARTMENT OF CIVIL ENGINEERING

Dated...3118/17

Ref. CEDJE 110936

Dean (Colleges)
DCRUST, Murthal

Subject: Regarding grant of extension/continuation in temporary affiliation for existing courses for the session 2017-18 in respect of Gateway Institute of Engineering & Technology, Sonepat

Reference: Your letter no. DCRUST/CB/11/09/2017/542 dated 3 July 2017

In reference of the above subject, please find enclosed herewith the inspection report for information and further necessary action.

Chairperson 31/8(2-0)?
Department of Civil Engineering



# DEENBANDHU CHHOTU RAM UNIVERSITY OF SCIENCE & TECHNOLOGY, MURTHAL, HARYANA (INDIA)-131039.

# (FORMERLY CHHOTU RAM STATE COLLEGE OF ENGINEERING, MURTHAL) (A HARYANA STATE GOVERNMENT UNIVERSITY)

ACCREDITED 'A' GRADE BY NAAC

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#### REPORT OF INSPECTION TEAM

Academic Session 2017-18

Name & Address of Institute:- <u>Gateway Institute of Eng.& Tech. Sonepat (Sector-11)</u>, <u>Sonipat)</u>

#### INSTRUCTIONS

Note: This report comprises four pays.

Part I deals with the requirement of lands in acres as per AICTE norms/ legality of ownership & possession of land/Institutional lands. It is mandatory as per AICTE norms. The concerned institute shall attach the relevant certificate.

Part II deals with evaluation of parameters relating to physical infrastructure of an institute and has been allocated 650 maximum marks.

Part III evaluates several parameters that concern academic infrastructure of an institute and has been allocated 1100 maximum marks.

Part III deals with the efforts made by the institute in complying with the terms and conditions imposed by previous committee regarding affiliation to DCRUST Murthal during the previous year. (A copy of the previous inspection committee will be provided by the office of DOC, DCRUST)

Depending upon marks obtained by an existing institute in each of these two Parts, it may be placed in one of the following categories.

|            | Provisional affiliation for a period of THREE years may be granted.  |
|------------|--|
| Category A | Condition: Institute should obtain at least 75% marks separately in each Part II and Part III of the assessment report and the institute exists in a permanent campus of its own in a conforming area.               |
|            | Provisional affiliation for a period of TWO years may be granted.  |
| Category B | <b>Condition:</b> Institute should obtain at least 65% - 74% marks separately in each Part II and Part III of the assessment report and the institute exists in a permanent campus of its own in a conforming area   |
|            | Provisional affiliation for a period of ONE year may be granted.   |
| Category C | <b>Condition</b> : Institute should obtain at least 50% - 64% marks separately in each Part II and Part III of the assessment report and the institute exists in a permanent campus of its own in a conforming area. |
| Category D | The institute shall be kept under 'No Admission Category'.   |
|            | If assessment marks are less than 875 (Less than 50%)  |

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- If the admission in a particular course of B Tech/B Arch/BBA/BCA is less than 10 % of the sanctioned strength for previous consecutive three years, the committee shall recommend for de-affiliation of that particular course or no admission category.
- If the admission in a particular course of M Tech/MBA/ M Arch/MCA is less than 20 % of the sanctioned strength for previous consecutive three years, the committee shall recommend for de-affiliation of that particular course or no admission category.

#### Particulars of the University visiting committee.

| Sr.<br>No. | Name and Designation                       | Postal Address<br>with Pin-Code | Phone (Office &<br>Res.) Fax, Mobile<br>No. & Email |
|------------|--|---------------------------------|---|
| 1.         | Dr. Dhirender Singhal, Professor (CED)     | DCRUST Murthal                  | 9466357861  |
| 2.         | Dr. Pawan Dahiya, A.P. (ECE)               | DCRUST Murthal                  | -   |
| 3.         | Dr. Ajay Kumar, A.P. (MED)                 | DCRUST Murthal                  | -   |
| 4.         | Dr. Rupa Panwar, A.P. (Management Studies) | DCRUST Murthal                  | -   |
| 5.         | Sh. Rajvir Singh, A.P. (CSE)               | DCRUST Murthal                  |   |

Date & time of visit 18-Aug-2017, 10:00 am onwards

#### Agenda:



- To check the compliance of observations regarding deficiencies pointed out by the previous inspection committee with regard to grant of extension / continuation in provisional affiliation of existing courses for the session 2016 - 2017.
- ii. To verify the availability of requisite infrastructure facilities, labs, faculty and other support system to consider the matter for extension / continuation in provisional affiliation of following existing UG & PG courses for the session 2017 - 2018

# Program/Course approved by AICTE with sanctioned intake for current academic year (please attached copy of approval letter)

| Courses    | Sanctioned intake                 | Year                                 |
|------------|-----------------------------------|--------------------------------------|
| CSE        | 60                                | 2017-2018                            |
| CIVIL      | 30                                | 2017-2018                            |
| MECHANICAL | 60                                | 2017-2018                            |
| ECE        | 30                                | 2017-2018                            |
| ВНМ        | 60                                | 2017-2018                            |
|            | CSE<br>CIVIL<br>MECHANICAL<br>ECE | CSE 60 CIVIL 30 MECHANICAL 60 ECE 30 |

### Student Admission in last three (PG)/four years (UG): (Admitted/Sanctioned)

| Sanctioned<br>Seats/<br>Branch | A/S<br>(2013 - 2014) | A/S<br>(2014 - 2015) | A/S<br>(2015 - 2016) | A/S<br>(2016 - 2017) | Total sanctioned intake |
|--------------------------------|----------------------|----------------------|----------------------|----------------------|-------------------------|
| B. Tech (ME)                   | 56/60                | 47/60                | 27/60                | 15/60                | (0)                     |
| B. Tech (CSE                   | 38/60                | 37/60                | 27/60                | 46/60                | 60                      |
| B. Tech (CE)                   | 54/60                | 35/60                | 19/60                | 12/60                | 60                      |
| B. Tech (ECE                   | 26/60                | 12/60                | 00/60                | 08/60                | 60                      |
| ВНМ                            | 33-60                | 24/60                | 27/60                | 32/60                | 60                      |

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| M Tech (ME) | 11/24 | 05/24 | 05/24 | -     | 24 |
|-------------|-------|-------|-------|-------|----|
| M.Tech (CSE | 24/24 | 19/24 | 08/24 | -     | 24 |
| M.Tech (CE) | 19/24 | 05/24 | 05/24 | 15/24 | 24 |
| M.Tech(ECE) | 20/24 | 09/24 | 05/24 |       | 24 |

PART-I

(Mandatory)

#### Land Area

| Area required (land in acres as per AICTE) | Total Area available (in acres) | Shortfall, if any |
|--|---------------------------------|-------------------|
| 2.5 Acres                                  | 11.87 Acres                     | No                |

| Ownership of land and building by the society         | Attach relevant certificates |
|---|------------------------------|
| (acquisition by allotment/procurement)                |                              |
| Availability of land as per norms in conforming area, |                              |
| i.e., the land use is Institutional.                  |                              |

PART II

Maximum marks 650

Built Up Area: Total Maximum Marks 300

| Partic           | culars          | Required as per<br>AICTE Norms | Available         | Shortfall (if any) |
|------------------|-----------------|--------------------------------|-------------------|--------------------|
|                  |                 | (m <sup>2</sup> )              | (m <sup>2</sup> ) |                    |
| i. Class-rooms   |                 | 66 (15) = 990                  | 1249.88           |                    |
| ii.              | Tutorial Rooms  | 33 (4) = 1,32                  | 395.50            |                    |
| iii.             | Drawing Hall    | 132                            | 184.78            | •                  |
| iv.              | Computer        | 150                            | 152.23            | -                  |
|                  | Centre          |                                |                   |                    |
| V.               | Library         | 400                            | 433.66            | -                  |
| vi.              | Laboratories    | 66 (32) = 2112                 | 2122.78           | -                  |
| vii.             | Workshops       | 200 (2) = 400                  | 453.91            | -                  |
|                  | nistrative area | 800                            | 1088.93           |                    |
| Circulation area |                 | 200                            | 2400.6            | -                  |
| Any of           | ther            |                                |                   |                    |
| Total            |                 | 5316                           | 8278.9            |                    |

Note: A certificate is to be submitted from an Architect (registered with COA) for the verification of built up area as per AICTE norms & standard (Refer approval hand book of AICTE).

#### Distribution of marks

| Parameters   | Marks Allotted | Marks Awarded |
|--|----------------|---------------|
| Sanctioned building plan as approved by concerned body                                     | 100            | 100           |
| Availability of built-up area as per the norms of AICTE for proposed/existing programme(s) | 200            | 200           |

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Other Facilities: Total Marks: 350

| S.No.    | Other Facilities   | Marks    | Marks   |
|----------|--|----------|---------|
|          |  | Allotted | Awarded |
| L.<br>2. | Language Laboratory  | 10       | 05      |
|          | Water Supply and outlets for drinking water at strategic locations/Water coolers/RO facilities.                            | 10       | * 10    |
|          |  | 10       | 10      |
|          | Electric Supply  | 10       | 10      |
| ł.       | Báckup Electric Supply   | 10       | 10      |
| i.       | Sewage Disposal  | 10       | 10      |
|          | Telephone and FAX First Aid Facility   | 10       | 10      |
| ·<br>I.  | Vehicle Parking  | 10       | 10      |
|          | Institution website  | 10       | 10      |
|          |  | 10       | 10      |
| 0.       | Facilities for disabled and elderly persons  | 10       | 10      |
| 1.       | Structure Safety Certificate of building, earthquake resistant certificate, fire fighting devices and building ventilation | 10       | 10      |
| 2.       | General Insurance against fire, Burglary and other calamities  | 10       | 10      |
| 3.       | All approach road  | 10       | 10      |
| 4.       | General notice Board and departmental Notice Boards.   | 10       | 10      |
| 5.       | Medical and counselling Facilities   | 10       | 10      |
| 6.       | Public announcement system at strategic locations  | 10       | 0       |
| 7.       | Enterprise Resource Planning (ERP) Software for Student-Institutions Parent interaction.                                   | 10       | 10      |
| 8.       | Transport facilities   | 10       | 10      |
| 9.       | Post-office, Bank facilities ATM   | 10       | 10      |
| 0.       | CCTV Security System   | 10       | 10      |
| 1.       | LCD (or similar) projectors in classrooms  | 10       | 10      |
| 2.       | Group Insurance for the employees  | 10       | 10      |
| 3.       | Group Insurance for the Students   | 10       | 10      |
| 1.       | Staff quarters   | 10       | 10      |
| 5        | Sports & Games   | 10       | 05      |
| 5        | Student canteen  | 10       | 10      |
| 7        | Anti Ragging Committee/Display of posters  | 10       | 05      |
| 3        | Women Cell   | 10       | 10      |
| 9        | SC/ST Cell   | 10       | 10      |
|          | Internal Complaint Committee   | 10       | 10      |
| -        | T&P Cell with regular T & P Officer  | 10       | 05      |
| -        | Compliance of national academy depository (NAD)  | 10       | 0       |
|          | as per MHRD direction  |          |         |
| 1        | Provision to watch MOOCS courses through SWAYAM  | 10       | 0       |
|          | Implementation of Unnat Bharat Abhiyan   | 10       | 0       |
| ,        | Appointment of student counselor   | 10       | 05      |

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#### PART-III

#### Maximum Marks: 1100

#### Status of Director: Max. Marks 50

| Criteria   | Parameters               | Marks<br>Allotted | Marks<br>Awarded |
|--|--------------------------|-------------------|------------------|
| Director should be posted at as per norms of AICTE (At least on roll for the past one year: award proportionately with time) | In position/As per norms | 50                | 50               |

### Details of Faculty- Department Wise: Total Marks 300 (LIST IS ATTACHED)

| S.<br>No. | Name | Designation | Qualification<br>with (Name<br>of University<br>for UG/PG<br>Degree) | Date of<br>Joining<br>the<br>institute | Total<br>experience | Pay<br>Scale<br>and<br>Basic<br>Pay | Total<br>Salary | No. of<br>Paper<br>Published | No. of<br>Ph.D.<br>Guided |
|-----------|------|-------------|--|--|---------------------|-------------------------------------|-----------------|------------------------------|---------------------------|
|           |      |             | Departm  | ent wise                               | list is end         | closed                              |                 |                              |                           |
|           |      |             | V  |  |                     |                                     |                 |                              |                           |
|           |      |             |  |  |                     |                                     |                 |                              |                           |

### Distribution of Marks

### Faculty strength shall be calculated on the basis of sanctioned seat of students.

| Parameters  | Marks<br>Allotted | Marks<br>Awarded |
|---|-------------------|------------------|
| Cadre Ratio (1:2:6) for UG and 1:1:1 for PG - (Maximum awards for Professor-15, Associate Professor-15, Assistant Professor-20) | 50                | 15               |
| Conferencing Facility   | 25                | 25               |
| Teacher student ratio (1:15) for UG & (1:12) for PG   | 75                | 50               |
| Quality of faculty (Ph.D holder, participation in FDP,<br>Conferences be taken into consideration)                              | 50                | 25               |
| Publications/Consultancy work   | 50                | 25               |
| Salary as per VI pay commission, Provision of CAS for teachers  | 50                | 15               |
| •   |                   | 155              |

### Computing & other related Facility: 200 Marks

## All calculation shall be done on the basis of sanctioned seat of students.

| Particulars  | Requirements as per AICTE Norms | Total<br>available | Shortfall, if any |
|--|---------------------------------|--------------------|-------------------|
| No. of Computer terminal (Terminal-<br>student ratio) UG Programme – | 208                             | 210                | -                 |
| 1:6PG Programme – 1:3  | a a                             |                    |                   |
| No. of Terminals on LAN/WAN  | 16                              | 18                 | -                 |
| Name of Relevant Licensed Software                                   | 3                               | 3                  |                   |
| Peripherals/Printers   | 11                              | 13                 |                   |
| Internet Connectivity  | 32                              | 39                 |                   |

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### Distribution of Marks

| Number and configuration of terminals Availability of software Internet Connectivity Availability of peripherals (Printer, Scanner etc.) | Marks Allotted 50 50 50 50 | Marks<br>Awarded<br>40,<br>40<br>50 |
|--|----------------------------|-------------------------------------|
| Library: total marks: 200  |                            | 160                                 |

| Particulars  Number of title of the Books  | Total requirements of the courses as per AICTE Norms | Available | Shortfall, if any |
|--|--|-----------|-------------------|
| UG Programme 1:4<br>Total Titles 400 per course<br>PG Programme 1:8<br>Total Titles 200 per course | 1600   | 3124      | -                 |
| Number of Volumes of Books Total volumes 600 per course  | 9550   | 25675     | -                 |
| No of Journals (Please attached the detailed list) Indian – 12, international 03 Per course        | 44   | 57        |                   |

### Distribution of marks

| Progwise titles/volumes                           | Marks<br>Allotted | Marks<br>Awarded |
|---|-------------------|------------------|
| Number of journals (national / international)     | 60                | 50               |
| Number of magazines /newspapers                   | 60                | 30               |
| Computerization /online subscription              | 30                | 30               |
| Redding Room and Reprographic facilities (a)      | 25                | 10               |
| and book-binding)                                 | 25                | 15               |
| Status of labs / Workshops and supporting staff M |                   | 135              |

Status of labs / Workshops and supporting staff: Max. Marks 350

The committee shall verify the availability of equipments (programme wise) as per the list provided by the office of Jean of Colleges. The committee will also verify the availability of technical lab staff & other staff required in labs, workshop, computer centre Distribution of marks

| Availability of equipments/instruments                     | Marks<br>Allotted | Marks<br>Awarded |
|--|-------------------|------------------|
| availability of technical lab staff & other staff required | 250               | 200              |
| in labs, workshop, computer centre and library             | 100               | 50               |
| . ,  |                   | 250              |

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Applicable for programmes like MBA, BBA etc where specific labs are not part of course curriculum but other methods are devised for practical training.

| Summer training programmes / Project   | Marks<br>allotted | Marks<br>Awarded |
|--|-------------------|------------------|
| reports / Presentations /orientation   | • 75              | NA               |
| Group discussion /mock interview/ home assignment/ case study/dissertation etc | 75                | NA NA            |
| abs Facilities as per Syllabus   | 50                | NA               |
| equired in left  | 50                | NA               |
| equired in labs, workshop, computer centre                                     | 100               | NA               |

#### PART IV

Compliance with the terms and conditions imposed by the previous inspection committee

The inspecting team must list the terms and conditions that were to be met by the Institute and indicate whether the Institute has complied with them or not in the following table. Please tick mark the appropriate box. (Add separate sheet if necessary)

| S. No. | Terms and conditions to be complied with by the Institute         | Complied with                            | Substantially complied with | Not complied with |
|--------|---|--|-----------------------------|-------------------|
| 1      | List of experiments has been displayed in A-One sheet             | Complied with 2016-17                    | YES                         | -                 |
| 2      | Test Pieces for Exp. In SOM<br>Lab & Material Sc. Lab<br>Prepared | Complied with 2016-17                    | YES                         | -                 |
| 3      | College Lack adequate No. Of Experience faculty                   | Complied with (Close<br>M. Tech Program) | YES                         |                   |
|        | Required Laundry & Model<br>Room for BHM                          | Complied with 2016-17                    | YES                         | - *               |

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Finding in respect of Part III (Overall subjective assessment): Favourable

SUMMARY OF THE REPORT Academic session 2017-2018

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- 1. Name of the Institute: GATEWAY INSTITUTE OF ENGG. & TECH.
- 2. Justification for allocating marks as per Assessment Proforma (Part II & III)
- (i) Legality of Ownership/possession of land and land use Yes
- (ii) Availability of built-up area and sanctioned building plan Yes
- (iii) Other Facilities -Yes
- (iv) Status of department-wise Faculty 1. Senior and qualified faculty is required
- (v) Computing & other related facilities -1 More PCs are required with updated configuration
- (vi) Library 1. More volumes and journals are required. 2. Digitization is required
- (vii) Status of Lab / Workshops and supporting staff- 1. Workshop is congested. More staff is required.
- (viii) Instructional Facilities/ Teaching Aids -Yes
- (ix) Compliance of conditions imposed by previous inspection committee Yes
- 3. Suggestions for Improvement of Institute:

| Programme (s) | Intake/Duratio | Remarks, if not recommended | Remarks, if recommended |
|---------------|----------------|-----------------------------|-------------------------|
| B.Tech (ME)   | 60 (4 Years)   |                             | Yes                     |
| B.Tech (CSE)  | 60 (4 Years)   |                             | Yes                     |
| B.Tech (CE)   | 30 (4 Years)   |                             | Yes                     |
| B.Tech (ECE)  | 30 (4 Years)   |                             | Yes                     |
| ВНМ           | 60 (4 Years)   |                             | Yes                     |

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#### FINAL RECOMMENDATION

Based on the Inspecting Team's finding in respect of Part I, Part II part III and Part IV as detailed in the above tables, the Inspecting Team places the Institute in Category A keeping in view the benchmarks given in the first page of the format.

Member RUPA PANWAR

Member PAWAN DAHIYA

Date of Visit: 18-8-17

Member RAJVIR SINGH

Member AJAY KUMAR

Chairman DHIRENDER SINGHAL

Note: The names in capital letters of all the members of the Committee be indicated below their respective signatures.