



1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Greater Noida Institute of Technology (Engg. Institute)

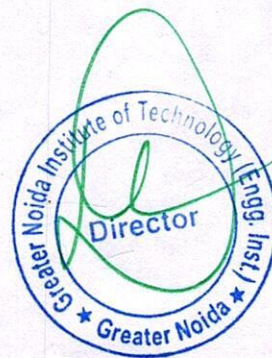
**Plot No. 7, Knowledge Park II, Greater Noida
Uttar Pradesh 201310 India**



Plot No. 7, Knowledge Park II, Greater Noida
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www.gniot.net.in

Criteria – 1
Continuous Internal Assessment Process
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Continuous Evaluation Process of the Institute

Our Institute follows the guidelines for the Internal assessment of our students as prescribed by the affiliating university. The performance of students in each subject is being assessed by the process defined in the curriculum of the University. As per the curriculum of University the progress of students are evaluated 66% (100 Marks) through External Examination and 33% (50Marks) through Internal Examination for each subject. Internal assessment is a process by which our Institute assesses a student's performance throughout their course of study. The mechanism of internal assessment is transparent and robust.

The institute appoints a controller of examinations to ensure the mechanism of internal assessment (Internal Examinations) and Institute prepare an academic calendar in consultation with controller of examinations and include dates of internal assessment (Internal Examination) in that. Academic calendar communicated to students at the beginning of the session. The syllabus of the internal assessment defined by the concerned subject teacher. This ensures that students know what is expected of them and can work towards meeting those expectations.

Continuous assessments conducted in the form of Class Test-1, Class Test-2 and Pre-University Test, assignments, projects, and presentations. In each Class Test questions are asked to the students in the correlation with the Course Outcome described by the affiliating University or the subject teacher to ensure the assessment of students in the Outcome Based Education (OBE) prescribed by the NBA. Faculty members are asked to submit 2 sets of question paper of their subject. The question Papers are evaluated by a Moderation Committee which is constituted in each department before given to the students. In the case of internal practical assessment each subject lab session and project in laboratory courses includes a daily evaluation, and the results are recorded. This ensures that students are assessed in a variety of ways, and not just on their ability to perform well in exams.

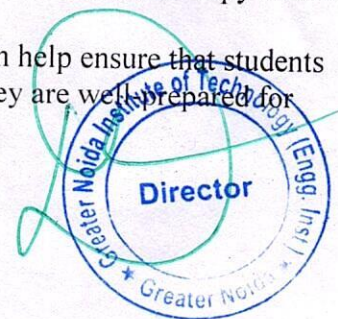
After each assessment the summary of marks is displayed on the notice boards. This helps students to keep track of their progress and identify areas where they need to improve.

The assessment process is free from bias. It achieved by setup an Internal Assessment committee at the college level to sort issues related to internal assessments. The grievances related to discrepancy in marks are resolved at the level of subject teacher and concerned head of the department. If student not satisfy with response, he or she discuss the issue with Internal assessment committee, if needed a written application from student is taken for the same.

Subject teacher provided feedback to the students on their performance, highlighting their strengths and areas for improvement. This helps them to understand their progress and take corrective measures.

If any student is unsatisfied with their marks obtained in the University Examination than University asks the students to fill the Scrutiny Form for the reevaluation of answer copy of the subject after the declaration of result of the semester.

Overall, a transparent and robust mechanism of internal assessment can help ensure that students receive a fair and accurate evaluation of their performance, and that they are well-prepared for their future academic and professional endeavors.



Greater Noida Institute of Technology
(Approved by AICTE Affiliated to AKTU, Lucknow)
Knowledge Park-II, Greater Noida-201306, Distt. G B Nagar

Ref.No.: GNIOT/COE/ODD SEM/2017-18/1ST SESSIONAL /01


Date: 10/09/2017

Circular

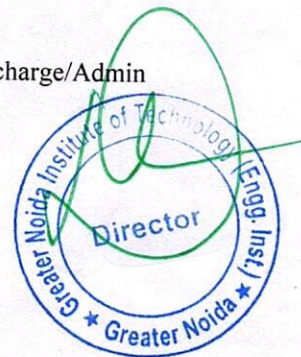
This is to inform all, that 1st Sessional Test, ODD Semester 2017-18 are scheduled from 22/09/2017 in both shifts. The scheduled for the same has been displayed on the notice board and on college ERP.


Dr. V. K. Sharma

Controller of Examinations)


IQAC-Coordinator
Greater Noida Institute of Technology
(Engineering Institute)
Greater Noida

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2 Director/Dean Academics/Registrar/ HOD's/Placement Cell/Transport incharge/Admin Officer and all concerned.



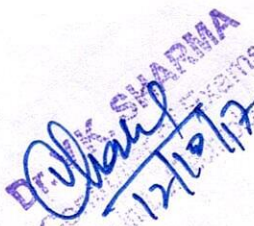
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Ref.No.: GNIOT/COE/ODD SEM/2017-18/2nd SESSIONAL /02

Date: 12/10/2017

Circular


This is to inform all the B.Tech and MCA students, that 2nd Sessional Examinations, ODD Semester 2017-18 are scheduled from 23/10/2017. All students must carry their I-Card during examinations. Detail scheduled for the same will be declared soon.


Dr. V. K. Sharma

(Controller of Examinations)

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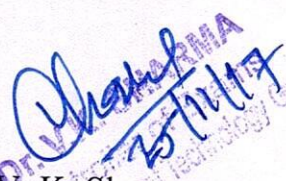
Website: <https://www.gniotgroup.edu.in/>

Ref.No.: GNIOT/COE/ODD SEM/2017-18/ PUT/03


Date: 25/11/2017

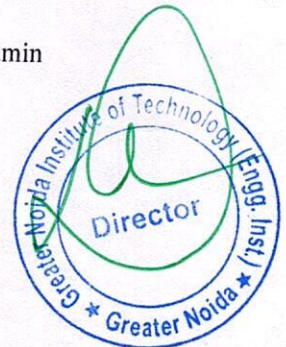
CIRCULER

All the students of B.Tech (All years) and MCA (All years) are hereby informed that PRE UNIVERSITY TESTS, Odd Sem 2017-18 are scheduled from 01/12/2017. Detail schedule for these tests will be shared separately.


Dr. V. K. Sharma
(Controller of Examinations)

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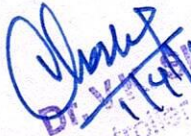
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Ref.No.: GNIOT/COE/ EVEN SEM /2017-18/ 2nd SESSIONAL /05

Date:01/04/2018

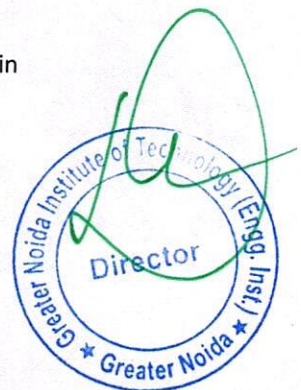
Circular

This is to inform all the B.Tech(IInd, IVth, VIth and VIIIth Sem) and MCA (IInd, IVth & VIth Sem) students, that 2nd SESSIONAL TESTS, EVEN Semester 2017-18 are scheduled from 09/04/2018. Detail schedule for the same has been shared on college ERP.


Dr. V. K. Sharma
(Controller of Examinations)

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Ref.No.: GNIOT/COE/ EVEN SEM /2017-18/ 1ST SESSIONAL /04

Date: 01/03/2018

Circular

This is to inform all the B.Tech and MCA students, that 1ST SESSIONAL TESTS, EVEN Semester 2017-18 are scheduled from 05/03/2018-07/03/2018. Detail schedule for the same has been shared on college ERP.


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Ref.No.: GNIOT/COE/ EVEN SEM /2017-18/ PUT/06

Date: 21/04/2018

Circular

This is to inform all the B.Tech and MCA students, that PRE UNIVERSITY TESTS, EVEN Semester 2017-18 are scheduled from 30/04/2018. Detail schedule for the same has been shared on college ERP.


Dr. V. K. Sharma
(Controller of Examinations)



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Ref.No.: GNIOT/COE/ODD SEM/2018-19/1st SESSIONAL /01

Date: 02/09/2018

Circular

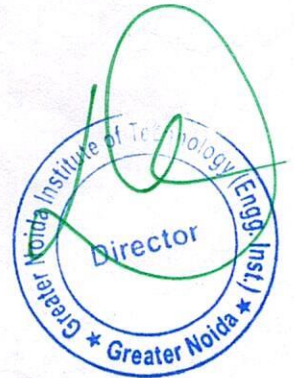
This is to inform all the B.Tech- 2nd, 3rd & 4th year and MCA -2nd year students, that 1st Sessional Test, ODD Semester 2018-19 are scheduled from 10/09/2018. Students can see the detail schedule of these tests from college ERP. Carrying of College Identity Card is mandatory to all the students.

Dr. V. K. Sharma

(Controller of Examinations)

Dr. V. K. SHARMA
Controller of Exams
Greater Noida Institute of Technology G. Noida

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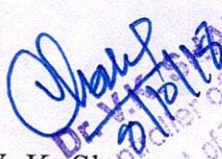
Ref.No.: GNIOT/COE/ODD SEM/2018-19/2nd SESSIONAL /02

Date: 8/10/2018

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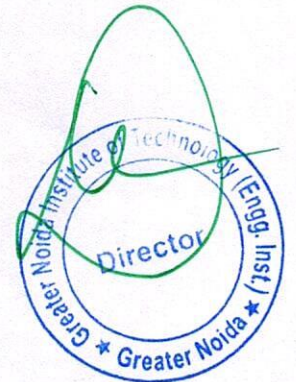
2nd Sessional test


This is informed to all the B.Tech, M.Tech & MCA students that 2nd Sessional Examinations, ODD Semester 2018-19 are scheduled from 15/10/2018. Detail schedule for the same has been shared.


Dr. V. K. Sharma

(Controller of Examinations)

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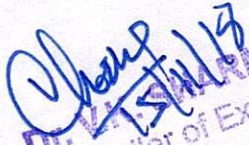
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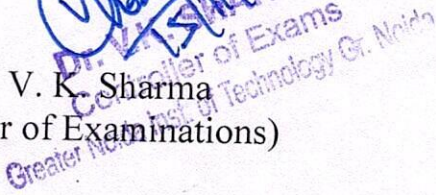
Date: 15/11/2018

Circular

PUT, Odd Sem 2018-19


This is informed to all the B.Tech and MCA students, that Pre University Test (PUT), ODD Semester 2018-19 are scheduled from 27/11/2018. Internal marks of these PUT and one of the two sessional examinations (best one from two sessional exams conducted earlier) will be utilized for final marks. So prepare accordingly. Students are also informed that these examinations are compulsory for all.


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Ref.No.: GNIOT/COE/EVEN SEM/2018-19/1st SESSIONAL /04

Date: 15/02/2019

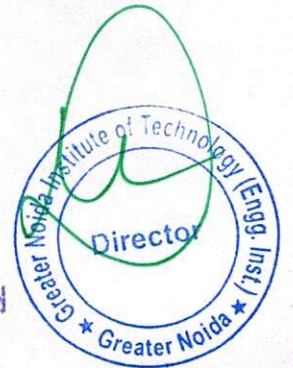
Circular


This is informed to all the B.Tech and MCA students, that 1st Sessional Test, Even Semester 2018-19 are scheduled from 21/02/2019. Detail scheduled of these tests will be shared separately. Carrying of College Identity Card is mandatory to all the students.


Dr. V. K. SHARMA
Controller of Exams
Greater Noida Institute of Technology G. Noida

Dr. V. K. Sharma
(Controller of Examinations)

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Ref.No.: GNIOT/COE/EVEN SEM/2018-19/2nd SESSIONAL /05

Date:18/03/2019

Circular

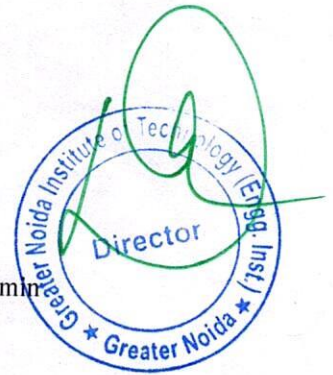
This is to inform all the B.Tech (IInd, IVth, VIth and VIIIth Sem) and MCA (IInd, IVth & VIth Sem) students, that 2nd Sessional Test, Even Semester 2018-19 are scheduled from 25/03/2019. Detail schedule for the same has been shared on college ERP.

Dr. V. K. Sharma

(Controller of Examinations)

(Handwritten signature)
18/3/19
Dr. V. K. SHARMA
Controller of Exams
Greater Noida Institute of Technology Gr. Noida

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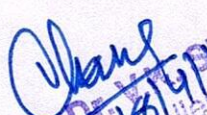
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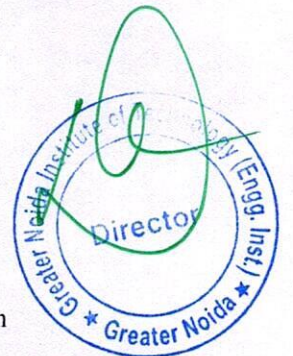
Date: 18/04/2019

Circular


PUT, Even Sem 2018-19

This is informed to all the B.Tech and MCA students, that Pre University Test (PUT), Even Semester 2018-19 are scheduled from 25/04/2019. Students are also informed that these examinations are compulsory for all. These Tests are planned in a way that students can get enough time for End Semester AKTU Examinations.


18/04/19
Dr. V. K. Sharma
(Controller of Examinations)
Greater Noida Inst. of Technology Gr. Noida



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IQAC-Coordinator
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Ref.No.: GNIOT/ COE/ ODD SEM/ 2019-20/ 1ST SESSIONAL /01

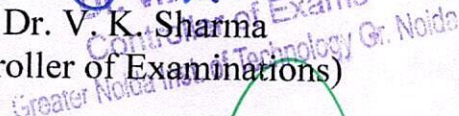
Date: 01/09/2019

Circular


1st Sessional Test

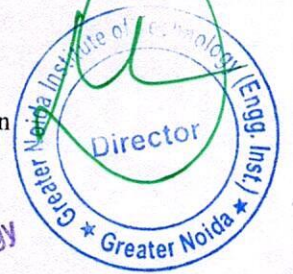
It is informed to all that 1st Sessional Tests, ODD Semester 2019-20 are scheduled from 05/09/2019. A schedule of the same has been shared on the notice board and college ERP. Students must carry their college I-Card for these tests.


Dr. V. K. Sharma
(Controller of Examinations)



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Ref.No.: GNIOT/ COE/ ODD SEM/ 2019-20/ 2nd SESSIONAL /02


Date: 14/10/2019

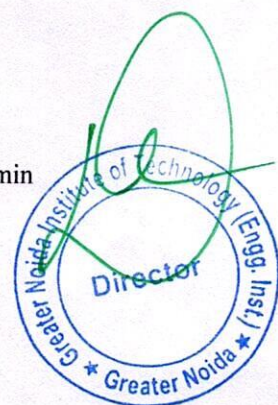
Circular

This is to inform you that the 2nd Sessional Tests, ODD Semester 2019-20 are scheduled from 21/10/2019. Students must carry their college I-Card and wear college uniform for these examinations. The schedule of these tests has been shared separately.


Dr. V. K. Sharma
(Controller of Examinations)

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Website: <https://www.gniotgroup.edu.in/>

Ref.No.: GNIOT/COE/ODD SEM /2019-20/MEETING/02A

Date: 14/10/2019

Circular

This is to inform all that a meeting of Examination Cell is scheduled on 15/10/2019 in the examination cell at 10:00 am. All are informed to attend the meeting on the given time and date in examination cell. The agenda of the meeting will be:


Agenda 1:- Upcoming Sessional test 2, which are scheduled from 21/10/2019.

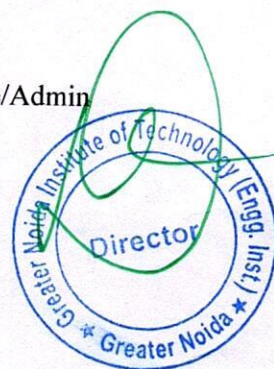
Agenda 2:-Distribution of responsibilities of these sessional Tests.


Dr. V. K. Sharma

(Controller of Examinations)

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Registrar
Greater Noida Institute of Technology
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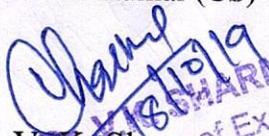
Date: 18/10/2019

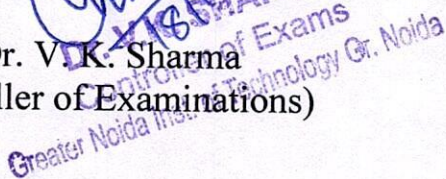
MINUTES OF MEETING

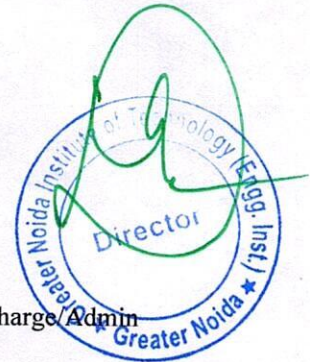
A meeting of Examination Committee members was conducted on 18/10/2019 in Examination Cell of the college. The agenda of the meeting was upcoming Sessional test 2, which are scheduled from 21/10/2019. All the members of the committee were communicated about the agenda of the meeting:-

Duties were assigned to the following Faculty members in the meeting:-


1. Mr. Anuj Dixit(ME) - To compile attendance
2. Dr. Yatin Agrawal (CS) -To prepare seating plan
3. Mr. Shashikant Shukla (CE) - To make duty chart
4. Mr. Gaurav Singh (IT) -Preparation of answer sheets
5. Mr. Saurabh Cahuhan (IT) - Preparation of answer sheets
6. Mr. Abhishek Kaushik (EC) - To prepare seating plan
7. Mr. Ajay Singh (EE) - Distribution of answer sheets
8. Mr. Sunil Kumar (CS) - Arrangement of room for these test

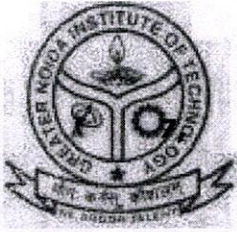

Dr. V.K. Sharma
(Controller of Examinations)





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Ref.No.: GNIOT/ COE/ ODD SEM/ 2019-20/ PUT /03


Date: 14/11/2019

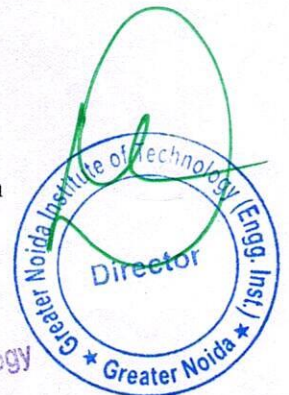
Circular

This is for the information to all the students that Pre University Test, ODD Semester 2019-20 has been scheduled from 27/11/2019. The schedule of these tests has been shared separately.


Dr. V. K. Sharma
(Controller of Examinations)

- Copy to:
1. Hon'ble Chairman, Vice Chairman for their kind information.
 2. Director/Dean Academics/Registrar/ HOD's/Placement Cell/Transport incharge/Admin Officer and all concerned.


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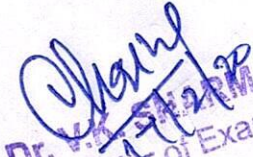
Ref.No.: GNIOT/ COE/ EVEN SEM/ 2019-20/ 1ST SESSIONAL TESTS /04

Date: 17/02/2020

Circular

1st Sessional Tests

This is to inform all the B.Tech and MCA students, that 1st Sessional Tests, EVEN Semester 2019-20 are scheduled from 24/02/2020. Detailed schedule for the same has been shared on college ERP.


Dr. V. K. Sharma
Controller of Exams
Greater Noida Institute of Technology G. Noida
(Controller of Examinations)

- Copy to:
1. Hon'ble Chairman, Vice Chairman for their kind information.
 2. Director/Dean Academics/Registrar/ HOD's/Placement Cell/Transport incharge/Admin Officer and all concerned.



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Website: <https://www.gniotgroup.edu.in/>

Ref.No.: GNIOT/COE/EVEN SEM /2019-20/1ST SESSIONAL /04 A

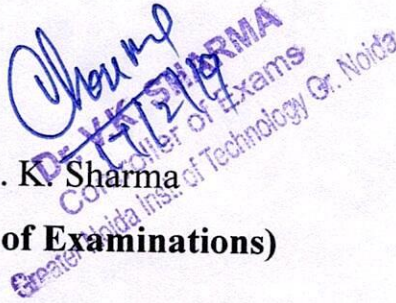
Date: 17/02/2019

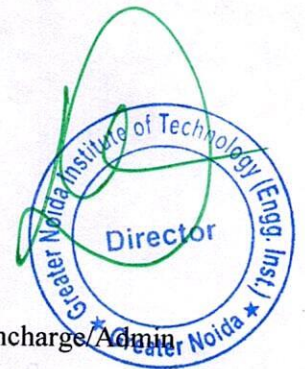
Circular

This is to inform all that a meeting of Examination Cell is scheduled on 19/02/2019 in the examination department at 10:00 am. All are informed to attend the meeting on the given time and date in examination cell.



Dr. V. K. Sharma

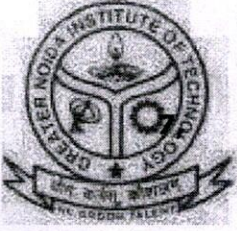
(Controller of Examinations)





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Website: <https://www.gniotgroup.edu.in/>

Date: 19/02/2019

Ref.No.: GNIOT/COE/EVEN SEM /2019-20/ MOM /04 B

MINUTES OF MEETING

A meeting of Examination Committee members was conducted on 19/02/2019 in Examination Cell of the college. Controller of Examinations Dr. V. K. Sharma read the agenda of the meeting in front of all the committee members. In meeting following agendas were discussed:-

Agenda 1: Discussed the preparations of First sessional tests.

Agenda 2: Evaluation mechanism of sessional tests. College follows a transparent mechanism for the same. All departments are communicated about the method. Same method will be applied in all the departments, so that there will be transparency in evaluation of Internal Examinations.

The responsibilities were distributed to all the members to conduct these tests.

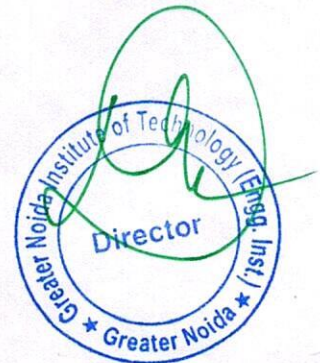
Following Faculty members remain present in the meeting:-

1. Mr. Anuj Dixit
2. Mr. Nikhil Gupta
3. Mr. Shubham Singh
4. Mr. Sunil Kumar Yadav
5. Mr. Abhishek Kaushik
6. Mr. Priyesh Tiwari
7. Mr. Naveen Sangwan

V. K. Sharma

(Controller of Examinations)

Greater Noida Institute of Technology Gr. Noida
Controller of Exams



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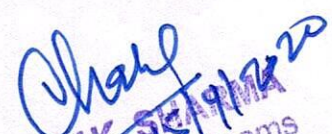
Ref.No.: GNIOT/ COE/ EVEN SEM/ 2019-20/ 2nd SESSIONAL TESTS /05

Date: 15/04/2020

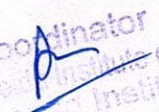
Circular

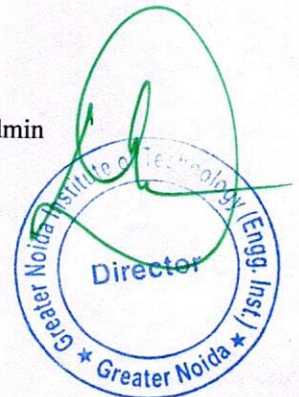
2nd SESSIONAL TESTS, EVEN SEMESTER 2019-20

This is to inform all the B.Tech (IInd, IVth, VIth and VIIIth Sem) and MCA (IInd, IVth & VIth Sem) students, that 2nd Sessional Tests, EVEN Semester 2019-20 are scheduled for 27/04/2020. These sessional tests will be conducted in online mode. Detailed schedule for the same has been shared on college ERP. Carrying of a Student I-Card is a must during examinations.


Dr. V. K. Sharma
(Controller of Examinations)

- Copy to:
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Examination Committee meeting

ODD Sem 2020-21



Coe Coe <coe1@gniot.net.in>

Meeting of the examination committee members

1 message

Coe Coe <coe1@gniot.net.in>

Wed, Jan 27, 2021 at 7:37 PM

To: Anuj Dixit <dixit.mi@gmail.com>, guptaankit299@gmail.com, abhishekkaushik@gmail.com, Sunil Yadav <mitsscholar9@gmail.com>, theknight279@gmail.com, priyesh tiwari <priyesh@gnit.net>, navin4240@gmail.com

Cc: Chairman <chairman@gniot.net.in>, Rajesh Gupta <rajeshgupta@gniot.net.in>, Bajrang Lal Gupta <blg@gnit.net>, Director General <dg@gniot.net.in>, "Director ." <director@gniot.net.in>, Dean Academic <deanacademic@gniot.net.in>

Dear all

Committee members,

A meeting of the examination committee members is scheduled on 29th January 2021 at 1:00 P.M., in the Exam Control Room no 2, C block. The agenda of the meeting will be:-

Agenda 1: To review the attendance of the students in Pre University Examinations.

Agenda 2: Answer sheets evaluation guidelines for Pre University Examinations.

Agenda 3: To discuss and make a plane, so that result can be declared within a given time limit.

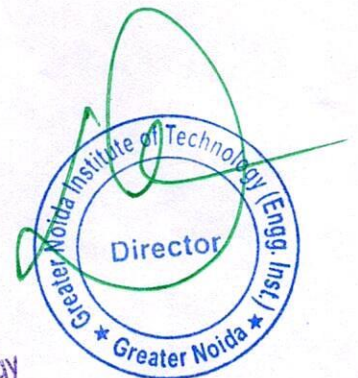
Agenda 4: About the Internal Practical Examinations, ODD Semester 2020-21, of IIIrd, Vth and VIIth Semester students.

All the members are informed to attend the meeting as per the schedule.

Thanks

Regards

DR. V. K. Sharma
Controller of Examinations
Greater Noida Institute of Technology, Gr Noida



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Greater Noida Institute of Technology
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Greater Noida

Examination Committee 1st meeting, ODD Sem 2020-21



Coe Coe <coe1@gniot.net.in>

Sat, Nov 21, 10:04
AM (10 days ago)

to samenderrexwal, mitsscholar9, theknight279, guptaankit299, Anuj, priyesh, abhishekkaushi

Dear all
Committee members,

This Email is about the upcoming sessional examination. In this regard a meeting is scheduled on 23rd november 2020 at 10:00 A.M., in the Exam Control Room, C block. All the members are informed to attend the meeting as per the schedule.

The agenda of the meeting will be:-

1. Preparation of the Time – Table schedules, Invigilation duty chart, Seating Plan in the Examination halls for the smooth conduction of upcoming Sessional Examinations.
2. Examiners names for assessment and moderation of question papers from respective HODs so that evaluation and moderation process is completed on time.
3. Proper monitoring of the examinations and assigning these duties to senior faculty members of different departments.
4. All the question papers are prepared as per the guidelines (and in prescribed format) as well as submitted to the examination control room in advance by the faculty members.

Thanks

Regards

Dr. V. K. Sharma
Controller of Examinations
Greater Noida Institute of Technology, Gr Noida

Mobile 9910054282

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Website: <https://www.gniotgroup.edu.in/>

Ref.No.: GNIT/COE/ ODD SEM /2020-21/ 1ST SESSIONAL /01

Date: 01/10/2020

Circular

This is to inform all the B.Tech-2nd,3rd & 4th year students and MCA-2nd & 3rd year students, that 1st Sessional Test, ODD Semester 2020-21 is scheduled from 06/10/2020-08/10/2020. This test will be conducted through offline mode. So all the students are advised to read all the instructions of the examinations carefully.

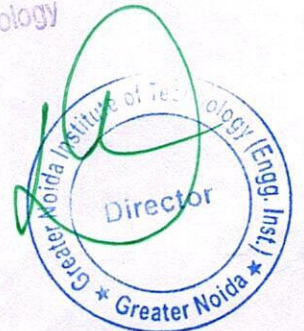
Dr. V. K. Sharma

Dr. V. K. Sharma
(Controller of Examinations)

Dr. V. K. SHARMA
Controller of Exams
Greater Noida Inst. of Technology Gr. Noida

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1. Hon'ble Chairman, Vice Chairman for their kind information.
 2. Director General for information.
 3. Director/Dean Academics/Registrar/ HOD's/Placement Cell/Transport incharge/Admin Officer and all concerned.

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Date: 15/11/2020

Ref.No.: GNIOT/COE/ODD SEM/2ND SESSIONAL /2020-21/3


Circular

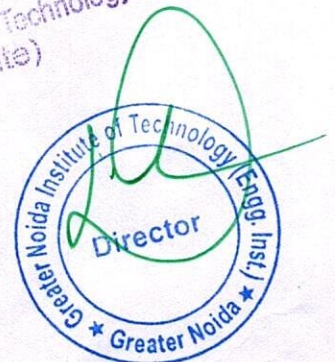
This is to inform all the B.Tech-2nd, 3rd & 4th year students and MCA-2nd & 3rd year students, that 2nd Sessional Test, ODD Semester 2020-21 is scheduled from 23/11/2020-25/11/2020. This test will be conducted through offline mode.

Detail schedule of this test will be declared soon.


15/11/20
Dr. V.K. SHARMA
(Controller of Examinations)
Greater Noida Inst. of Technology G. Noida

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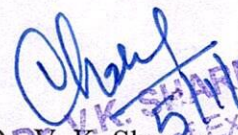
Website: <https://www.gniotgroup.edu.in/>

Date: 05/01/2020


Ref.No.: GNIOT/COE/ ODD SEM /2020-21/ FIRST SESSIONAL-1ST YR /3C

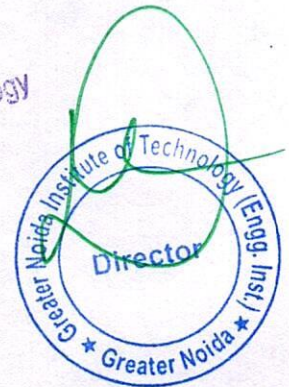
Circular

This is to inform all the B.Tech and MCA students, that 1ST Sessional Tests, ODD Semester 2020-21 are scheduled from 11/01/2021-14/01/2021. So all the students are advised to read all the instructions of the examinations very carefully.


Dr. V. K. Sharma
(Controller of Examinations)
Greater Noida Inst. of Technology Gr. Noida

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 2. Director General for information.
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Website: <https://www.gniotgroup.edu.in/>

Ref.No.: GNIOT/COE/ ODD SEM /2020-21/ /PUT-3rd &4th /04

Date:- 14/01/2021

Circular

PUT and Makeover Examinations, 3rd and 4th year students, Offline Mode

This is to inform all the B.Tech 3rd and 4th year (Vth and VIIth Sem) and MCA 3rd year (Vth Sem) students, that Pre University Test (PUT) and Makeover Examinations of ODD Semester 2020-21, will start from 21/01/2021. These Examinations will be conducted only through offline mode in college.

As per the latest circular from AKTU, End Semester Examinations, ODD Sem 2020-21 (for regular and carryover students) are scheduled from 16/02/2021. So before that, Internal Practical Examinations of the above students will also be conducted just after these PUT and Makeover Examinations. These Examinations are planned in a way that students have enough time to prepare for the, End Semester AKTU Examinations.

For the examinations, college has a proper arrangement of sanitization in examination rooms, buses, common areas like corridor and the washrooms. We are following the guidelines of COVID-19 given by the government.

All students should compliance the following during examinations:

1. Wearing of mask and having Arogya Setu app in Mobile is compulsory.
2. Maintaining proper social distancing.
3. Washing/Sanitizing hands frequently.
4. Carrying of Student identity card during examinations.

Dr. V.K. SHARMA

(Controller of Examinations)

Greater Noida Inst. of Technology Gr. Noida



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Tele.:(0120)2320210,11,12 Fax: (0120)232 6653

Website: <https://www.gniotgroup.edu.in/>

Date: 03/02/2021

Ref.No.: GNIOT/COE/ ODD SEM/2020-21/PUT-2ND YR /05

Circular

PUT Examinations, 2nd year students, Offline Mode

This is to inform all the B.Tech and MCA 2rd year (IIIrd Sem, regular and lateral entry) students, that Pre University Test (PUT), ODD Semester 2020-21 are scheduled from 08/02/2021 in the college. These Examinations will be conducted only through offline mode.

Students are also informed that these examinations are compulsory for all. Internal marks of these PUT and one of the two sessional examinations (best one from two sessional exams conducted earlier) will be utilized for final marks. So prepare accordingly.


These Examinations are planned in a way that students have enough time to prepare for the, End Semester AKTU Examinations.

For the examinations, college has a proper arrangement of sanitization in examination rooms, buses, common areas like corridors and the washrooms. We are following the guidelines of COVID-19 given by the government.


All students should compliance the following during examinations:

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3. Washing/Sanitizing hands frequently.
4. Carrying of Student identity card during examinations.




Dr. V. K. Sharma
(Controller of Examinations)
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Website: <https://www.gniotgroup.edu.in/>

Date: 22/02/2021

Ref.No.: GNIOT/Exam Cell/COE/ODD Sem/Sessional /2020-21/09

Circular

Sessional examinations, 1st year students, Offline Mode

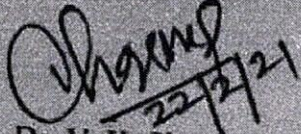
This is informed to all that, 2nd Sessional Examinations of B.Tech-1st year & MCA-1st year (I Sem) students, and 1st Sessional Examinations of M.Tech-1st year (I Sem) students, ODD Semester 2020-21 are scheduled from 27/02/2021 in the institute. These Examinations will be conducted only through offline mode. Students are also informed that these examinations are compulsory for all, so prepare accordingly.

The scheduled of the examinations will be shared separately.

Note: All students should compliance the following during examinations:

1. Wearing of mask and having Arogya Setu app in Mobile is compulsory.
2. Maintaining proper social distancing.
3. Washing/Sanitizing hands frequently.




22/2/21
Dr. V. K. Sharma
(Controller of Examinations)

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Ref.No.: GNIOT/COE/ODD SEM/ 2020-21/ 1ST SESSIONAL-1ST YR /11

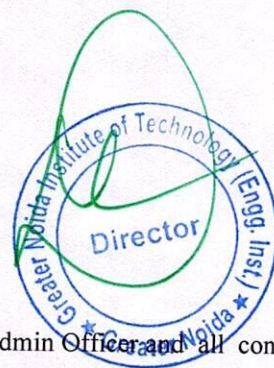
Date:- 29/04/2021

Circular


1st Sessional Examinations, Even Sem 2020-21(Gniot-132)

This is informed to all that the First sessional Examinations of B.Tech, M.Tech, and MCA students for Even Sem 2020-21 are scheduled from 06/05/2021. These examinations will be conducted through online mode in both shifts (Morning and Evening). Examinations Date Sheet for the same will be declared separately.

Dr. V. K. Sharma
(Controller of Examinations)



- Copy to:
1. Hon'ble Chairman, Vice Chairman for their kind information.
 2. Director General for information.
 3. Director (132)/ Registrar/ HOD's/Placement Cell/Transport incharge/Admin Officer and all concerned.

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Website: <https://www.gniotgroup.edu.in/>

Date: 10/7/2021


Ref.No.: GNIOT/COE/ ODD SEM /2020-21/ /PUT /13

Circular


PUT Examinations, Even Sem 2020-21

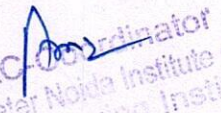
This is informed to all the B.Tech and MCA students, that Pre University Test (PUT), EVEN Semester 2020-21 are scheduled from 15/7/2021. These Examinations will be conducted through online mode. So all the students are advised to read all the instructions of the examinations very carefully.

Students are also informed that these examinations are compulsory for all. Internal marks of these PUT and one of the two sessional examinations (best one from two sessional exams conducted earlier) will be utilized for final marks. So prepare accordingly.


Dr. V.K. Sharma
(Controller of Examinations)
Greater Noida Institute of Technology Gr. Noida

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 2. Director General for information.
 3. Director/Dean Academics/Registrar/ HOD's/Placement Cell/Transport incharge/Admin Officer and all concerned.


Director
Greater Noida Institute of Technology
Greater Noida


IQAC Coordinator
Greater Noida Institute of Technology
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Ref.No.: GNIOT/ COE/ODD SEM/2021-22/1st SESSIONAL/17

Date: 12/10/2021


Circular

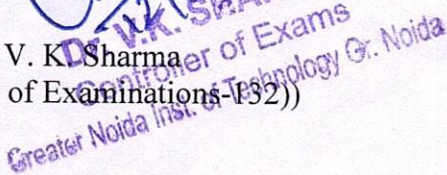
First Sessional Test 2nd, 3rd & 4th year students

This is informed to all the B.Tech 2nd, 3rd and 4th year (IIIrd, Vth & VIIth Sem) and MCA 2nd & 3rd year (IIIrd & Vth Sem) students that First sessional Test of ODD Semester 2021-22 will start from 20/10/2021. These Examinations will be conducted only through offline mode in college.

All students should compliance the following during examinations:


1. Wearing of mask and having Arogya Setu app in Mobile is compulsory.
2. Maintaining proper social distancing.
3. Washing/Sanitizing hands frequently.


Dr. V. K. Sharma
(Controller of Examinations-132)



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Website: <https://www.gniotgroup.edu.in/>

Ref.No.: GNIOT/ COE/ODD Sem/2021-22/1st Sessional/18

Date: 15/11/2021


Circular

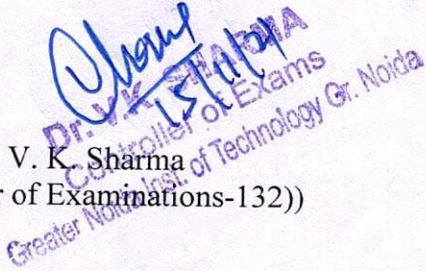
Second Sessional Test 2nd, 3rd & 4th year students

This is informed to all the B.Tech 2nd, 3rd and 4th year (IIIrd, Vth & VIIth Sem) students that Second sessional Test of ODD Semester 2021-22 will start from 22/11/2021. These Examinations will be conducted only through offline mode in college.

All students should compliance the following during examinations:


1. Wearing of mask and having Arogya Setu app in Mobile is compulsory.
2. Maintaining proper social distancing.
3. Washing/Sanitizing hands frequently.


Dr. V. K. Sharma
(Controller of Examinations-132))



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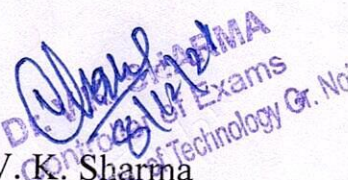
Ref:- GNIOT/ COE/ ODD SEM/2021-22/PUT-3rd-4th/23A

Date: 8/12/2021

Circular

Pre University Test 3rd & 4th year


This is informed to all the B.Tech 3rd, and 4th year (Vth & VIIth Sem) and MCA 3rd year (Vth Sem) students that **Pre University Test**, ODD Semester 2021-22 are scheduled from 15/12/2021.


Dr. V.K. Sharma

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Date: 21/12/2021

Ref.No.: GNIOT/ COE/ODD Sem/1st CT/2021-22/27


Circular

First Class Test of 1st year students


This is informed to all the B.Tech and MCA 1st year (1st Sem) students that First Class Test of ODD Semester 2021-22 will start from 30/12/2021. These Examinations will be conducted only through offline mode in college.

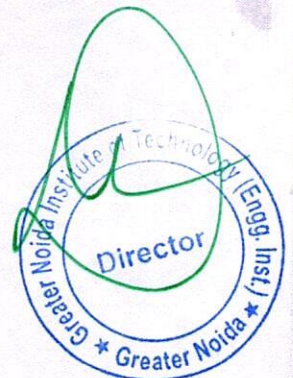
All students should compliance the following during examinations:

1. Wearing of mask and having Arogya Setu app in Mobile is compulsory.
2. Maintaining proper social distancing.
3. Washing/Sanitizing hands frequently.


Dr. G. K. Sharma
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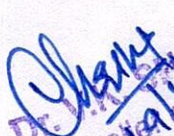
Ref.No.: GNIOT/ COE/ODD SEM/2021-22/PUT /29

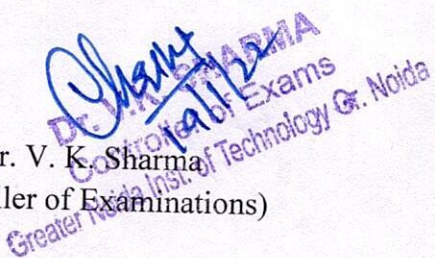
Dated:-19/01/2022

Circular


Pre University Test 2nd year

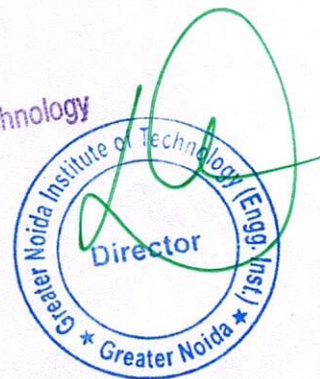
This is informed to all that **Pre University Tests (PUT)**, ODD Semester 2021-22, for 2nd year students are scheduled from 27/01/2022. These Tests will be conducted through online mode. Detail schedule of these tests will be declared separately.


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(Controller of Examinations)



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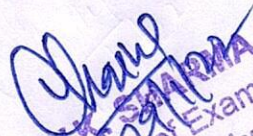
Ref.No.: GNIOT/ COE/ODD Sem/2021-22/CT-2/30

Dated:-29/01/2022

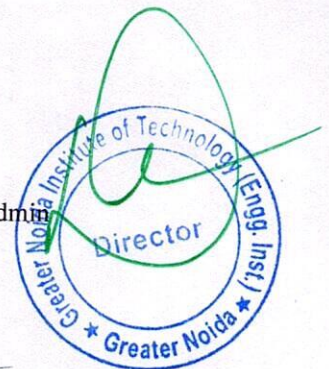
Circular

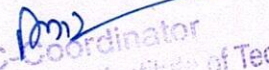
2ND SESSIONAL TEST-FIRST YEAR

This is informed to all that 2ND SESSIONAL TEST, ODD Semester 2021-22, for first year students are scheduled from 07/02/2022. These Tests will be conducted through online mode. Detail schedule of these tests will be declared separately.


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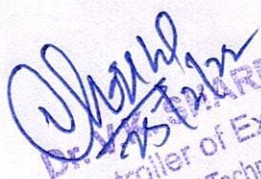
Ref.No.: GNIOT/ COE/ODD Sem/2021-22/PUT/32

Dated:-25/02/2022

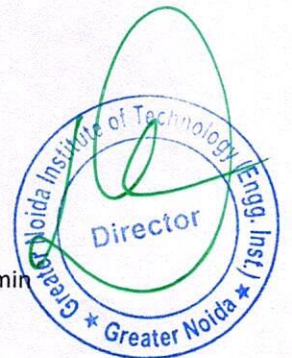
Circular


This is informed to all the B.Tech and MCA First year students, that Pre University Test (PUT), ODD Semester 2021-22 are scheduled from 08/03/2022. These Examinations will be conducted through offline mode. So all the students are advised to read all the instructions of the examinations very carefully.

Students are also informed that these examinations are compulsory for all. Internal marks of these PUT and two Sessional Tests will be utilized for final marks. So prepare accordingly.


Dr. V. K. Sharma
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Ref.No.: GNIOT/ COE/ODD Sem/2021-22/1st sessional-3rd & 4th yr /33

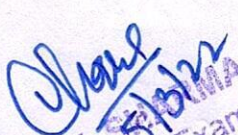
Date: 05/03/2022

Department of Examinations

Circular

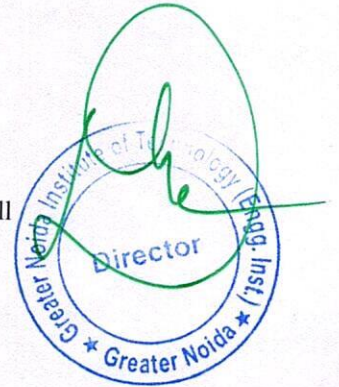
First Sessional Test 3rd & 4th year students, Even Sem 2021-22

This is informed to all the B.Tech 3rd and 4th year (IVth, & VIIIth Sem) and MCA-2nd year students that First sessional Test of EVEN Semester 2021-22 will start from 08/03/2022. These Examinations will be conducted only through offline mode in college. All the student should carry Institute Identity Card for these examinations.


Dr. V. K. Sharma
(Controller of Examinations-132)

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Controller of Exams

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Ref.No.: GNIOT/ COE/2021-22/EVEN SEM/1st SESSIONAL-3rd & 4th yr /33

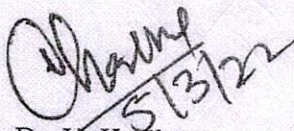
Date: 05/03/2022

Department of Examinations

Circular

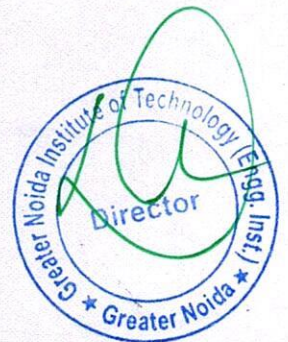
First Sessional Test 3rd & 4th year students, Even Sem 2021-22

This is informed to all the B.Tech 3rd and 4th year (IVth, & VIIIth Sem) and MCA-2nd year students that First sessional Test of EVEN Semester 2021-22 will start from 08/03/2022. These Examinations will be conducted only through offline mode in college. All the student should carry Institute Identity Card for these examinations.


5/3/22

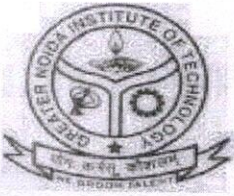
Dr. V. K. Sharma

(Controller of Examinations-132))



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Ref.No.: GNIOT/ COE/EVEN SEM/2021-22/2ndCT-3rd&4thYr/39

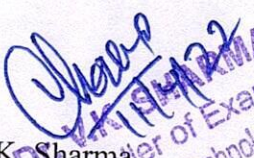
Date: 11/04/2022

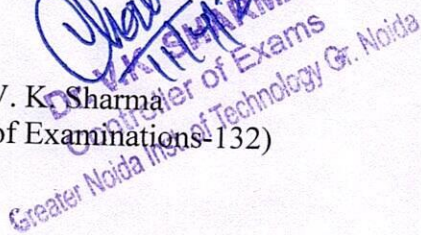
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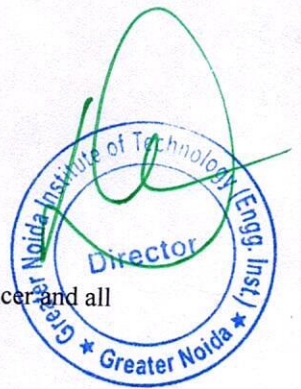
2nd Class Test 3rd & 4th year students, Even Sem 2021-22

This is informed to all the B.Tech 3rd and 4th year (VIth, & VIIIth Sem) and MCA-2nd year students that 2nd Class Test, Even Semester 2021-22, are scheduled from 18/04/2022.


The schedule of these tests will be declared separately. The entire student should carry Institute Identity Card for these examinations.


Dr. V. K. Sharma
(Controller of Examinations-132)


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Ref.No.: GNIOT/ COE/ EVEN SEM/2021-22/ CT-1-1st & 2nd /42A

Date: 11/05/2022

Circular

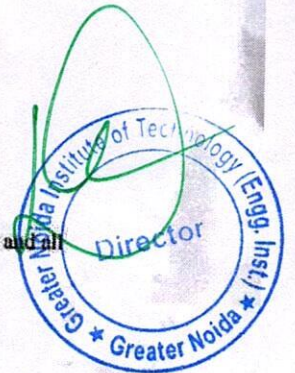
First Class Test 1st & 2nd Year

This is informed to all the B.Tech-1st & 2nd year students that First Class Test (CT-I), Even Semester 2021-22, is scheduled from 17/05/2022 to 19/05/2022. Detail Schedule of this Test will be declared shortly.


Dr. V. K. Sharma

(Controller of Examination-132)

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Ref.No.: GNIOT/ COE/Even Sem/2021-22/ PUT-3RD &4TH /42B

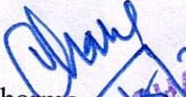
Date: 11/05/2021

Circular

Pre University Tests of 3rd & 4th Year


This is informed to all the B.Tech-3rd & 4th year students that Pre University Tests of Even Semester 2021-22, are scheduled from 17/05/2021 to 19/05/2021. Detail Schedule of these PUT will be declared shortly.

Dr. V. K. Sharma
(Controller of Examination-132)


DR. V. K. SHARMA
Controller of Exams
Greater Noida Inst. of Technology Gr. Noida

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Ref.No.: GNIOT/ COE/ EVEN SEM/2021-22/ PUT-B.TECH-1ST & 2ND YR /44

Date: 15/06/2022

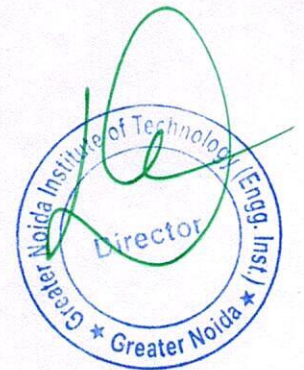
Circular

Pre University Tests of B.Tech- 1st & 2nd Year

This is informed to all the B.Tech-1st & 2nd year students that Pre University Tests Even Semester 2021-22, is scheduled from 29/06/2022 to 06/07/2022. Detail Schedule of these PUT will be declared shortly.

Dr. V. K. Sharma
(Controller of Examination-132)

Dr. V.K. Sharma
15/06/22
Dr. V.K. SHARMA
Controller of Exams
Greater Noida Inst. of Technology Gr. Noida



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GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

1st CLASS TEST, SESSION 2022- 2023 (EVEN SEM.)

DEPTT- CSE (SET B)

YEAR:-B.TECH- II (IV SEMESTER)

SUBJECT NAME- Software Engineering (SUBJECT CODE: KCS601)

TIME: 1.30 Hour

MAX MARKS: 30

Note: Answer all questions. Draw neat sketch, wherever necessary. Suitably assume missing data, if any.

SECTION A

Question 1: Attempt all parts in brief.

[1X5=5]

a.		1	[CO1], K1 K2
b.		1	[CO1], K1 K2
c.		1	[CO1], K1 K2
d.		1	[CO2], K1 K2
e.		1	[CO2], K1 K2

SECTION B

Question 2: Attempt any 05 out of the following.

[3X5=15]

a.		3	[CO1], K1 K2
b.		3	[CO1], K1 K2
c.		3	[CO1], K1 K2
d.		3	[CO1], K1 K2
e.		3	[CO2], K1 K2
f.		3	[CO2], K1 K2
g.		3	[CO2], K1 K2

SECTION C

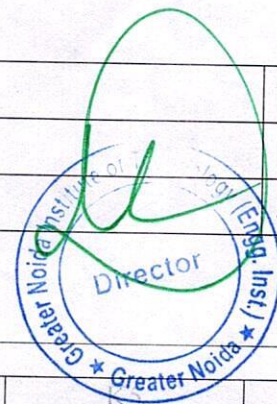
Question 3: Attempt any 02 out of the following.

[5X2=10]

a.		5	[CO1], K1 K2
b.		5	[CO1], K1 K2
c.		5	[CO2], K1 K2

Bloom's Taxonomy:

K1	K2	K3	K4	K6
Remember	Understand	Apply	Analyze	Evaluate
				Create



Q4. Attempt any one part of the following:

[10X1=10]

a.		10	[CO2], K3
b.		10	[CO2], K3

Q5. Attempt any one part of the following:

[10X1=10]

a.		10	[CO3], K3
b.		10	[CO3], K3

Q6. Attempt any one part of the following:

[10X1=10]

a.		10	[CO4], K3
b.		10	[CO4], K2

Q7. Attempt any one part of the following:

[10X1=10]

a.		10	[CO5], K3
b.		10	[CO5], K1, K2

Bloom's Taxonomy:

K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create



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GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

1st CLASS TEST, SESSION 2021- 2022 (EVEN SEM.)

DEPTT - CSE

YEAR:- 2nd (4th SEMESTER)

SUBJECT NAME :- TAFL (SUBJECT CODE- KCS 402)

TIME: 1.30 Hour

MAX MARKS: 30

Note: Answer all questions. Draw neat sketch, wherever necessary. Suitably assume missing data, if any.

SECTION A

Question 1: Attempt all parts in brief.

[1X5=5]

a.	State the mathematical definition of DFA	1	[CO-1], KL2
b.	Differentiate between NFA and DFA.	1	[CO-1], KL2
c.	Differentiate L^* and L^+ .	1	[CO1], KL4
d.	State the mathematical definition of NFA	1	[CO1], KL4
e.	Design a finite automata for the language which accepts even 0's .	1	[CO2], KL5

SECTION B

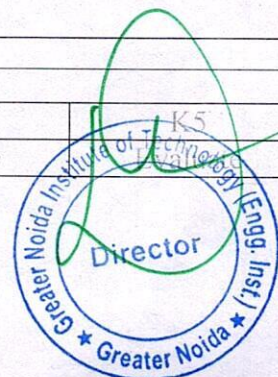
Question 2: Attempt any 05 out of the following.

[3X5=15]

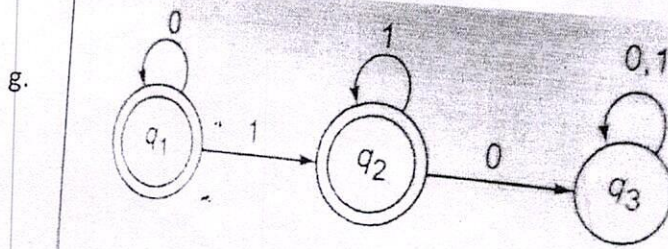
a.	Design a DFA for the language which accept the language over $\Sigma=\{a,b\}$ $L= \{a^n b^m : n \geq 0, m \geq 0\}$ and write the regular expression for this.	3	[CO2], KL5
b.	Construct a DFA for the following machine- $M=\{q_1, q_2, q_3\}, \{0,1\}, \delta, q_1, \{q_3\}$ is NFA Where $\delta(q_1, 0) = \{q_2, q_3\}$ $\delta(q_1, 1) = \{q_1\}$ $\delta(q_2, 0) = \{q_1, q_2\}$ $\delta(q_2, 1) = \phi$ $\delta(q_3, 0) = \{q_2\}$ $\delta(q_3, 1) = \{q_1, q_2\}$	3	[CO1], KL5
c.	Discuss the conversion of Moore to Mealy machine with the help of an example.	3	[CO1], KL2
d.	Design NFA for the following language $L= \{ 10101^n \mid n \geq 0 \} \cup \{ 1010^n \mid n \geq 0 \}$.	3	[CO1], KL5
e.	Give the language for the following regular expression 1. $r= a^*+b^*$ 2. $r=(ab)^*$	3	[CO2], KL4
f.	Design a DFA for the language which accept no two consecutive 0 over 0 and 1 and also write the corresponding regular expression.	3	[CO1], KL5

Bloom's Taxonomy:

K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create



Check the acceptability of strings 000111 and 110101 by the machine given below where q_1 is starting and final state. q_2 is also final state.



3

[CO1], KL2

SECTION C

[5X2=10]

Question 3: Attempt any 02 out of the following.

a.

Let $\Sigma = \{0, 1\}$. Give the deterministic finite automata accepting the following languages alphabet Σ .

1. The set of all strings ending in 11.

The set of all strings such that every block of 5 consecutive symbols contain at least two 0's.

5

[CO2], KL4

b.

Construct minimum state Automaton-

State \ Σ	0	1
->Q0	Q1	Q5
Q1	Q6	Q2
Q2*	Q0	Q2
Q3	Q2	Q6
Q4	Q7	Q5
Q5	Q2	Q6
Q6	Q6	Q4
Q7	Q6	Q2

5

[CO2], KL5

c.

Define regular expression with suitable example

5

[CO2], KL2



Bloom's Taxonomy:

K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create

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GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

1st CLASS TEST, SESSION 2021- 2022 (Even SEM.)

DEPTT: Computer Science Engineering

YEAR:- 2nd (IV SEMESTER)

SUBJECT NAME :- Operating Systems(SUBJECT CODE : KCS 401)

TIME: 1.30 Hour

MAX MARKS: 30

Note: Answer all questions. Draw neat sketch, wherever necessary. Suitably assume missing data, if any.

SECTION A

Question 1: Attempt all parts in brief.
[1X5=5]

a.	Write the types of operating system.	1	[CO1], KL2
b.	Briefly mention the various performance criteria for CPU scheduling?	1	[CO2], KL2
c.	Define multitasking system and list the advantages.	1	[CO1], KL2
d.	Discuss the interrupt. Why OS is using it?	1	[CO2], KL2
e.	Differentiate between user mode and kernel mode of OS.	1	[CO1], KL2

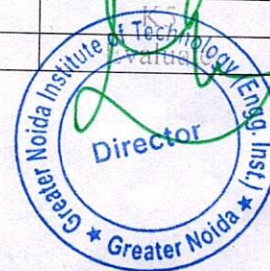
SECTION B

Question 2: Attempt any 05 out of the following.
[3X5=15]

a.	Explain the need of user interface of OS in detail.	3	[CO1], KL2
b.	Explain the services provided by operating system.	3	[CO1], KL2
c.	With neat sketch , explain the process state transition diagram.	3	[CO2], KL2
d.	How a deadlock occurs? Discuss the necessary conditions for deadlock with examples.	3	[CO2], KL2
e.	For the given processes, Draw a chart illustrating their execution , discuss which algorithm is best for given set of process on the basis of average turn around time and average waiting time .	3	[CO2], KL2

Bloom's Taxonomy:

K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create



		(i) FCFS	(ii) Priority (non preemptive)			
		Process	Priority	Arrival time	Processing time (burst time)	
		P1	3	0	12	
		P2	2	1	7	
		P3	4	1	10	
		P4	1	3	8	
f.	Explain the attributes of PCB.				3	[CO2], KL2
g.	Explain multiprocessor scheduling.				3	[CO2], KL2KL

SECTION C

Question 3: Attempt any 02 out of the following.
[5X2=10]

a.	Enumerate Kernel based Operating system.	5	[CO1], KL2															
b.	<p>Consider the following processes with arrival time and burst time given below:</p> <table border="1"> <thead> <tr> <th>Process</th> <th>Arrival time</th> <th>Burst Time</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>0</td> <td>11</td> </tr> <tr> <td>P2</td> <td>1</td> <td>5</td> </tr> <tr> <td>P3</td> <td>3</td> <td>6</td> </tr> <tr> <td>P4</td> <td>3</td> <td>7</td> </tr> </tbody> </table> <p>Calculate average waiting time and average turnaround time using (i) FCFS (ii) Round robin with time slice =4.</p>	Process	Arrival time	Burst Time	P1	0	11	P2	1	5	P3	3	6	P4	3	7	5	[CO2], KL2
Process	Arrival time	Burst Time																
P1	0	11																
P2	1	5																
P3	3	6																
P4	3	7																
c.	Explain short , medium and long term schedulers in process management.	5	[CO2], KL2															



Bloom's Taxonomy:					
K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create

UNIVERSITY																			
ROLL No.																			

GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA-132

(Approved by AICTE Affiliated to AKTU, Lucknow)

Website: <https://www.gniotgroup.edu.in/>

FIRST CLASS TEST, SESSION 2021- 2022 (EVEN SEM.)

DEPTT:-CS

YEAR:-3rd (6th SEMESTER)

SUBJECT NAME:- Software Engineering (SUBJECT CODE KCS-601)

TIME: 1.30 Hour

MAX MARKS: 30

Note: Answer all questions. Draw a neat sketch, wherever necessary. Suitably assume missing data, if any.

SECTION A

Question 1: Attempt all parts in brief.

[1X5=5]

a.	What should a standard modular system go for, High Coupling or low Coupling?	1	[CO3], K2, K3
b.	What should a standard modular system go for, High Cohesion or low Cohesion?	1	[CO3], K2, K3
c.	Write down the ISO 9000 series available for SQA.	1	[CO2], K2
d.	Draw the basic notations of an ER diagram.	1	[CO2], K2
e.	What do you understand by the term Software Measurement and Metric	1	[CO2], K2

SECTION B

Question 2: Attempt any 05 out of the following.

[3X5=15]

a.	What do you understand by the term Feasibility study, mention the elements of a good feasibility study?	3	[CO2], K2
b.	What is Requirement Elicitation, mention the methods of Elicitation?	3	[CO2], K2
c.	What is the difference between Validation and Verification?	3	[CO2], K2
d.	What is the difference between HLD and LLD?	3	[CO3], K2, K3
e.	What do you understand by Coupling? Explain its type with help of an example.	3	[CO3], K2, K3
f.	Explain the SEI-CMM Model with the help of a diagram.	3	[CO2], K2
g.	What do you understand by term Modularization? Write down the benefits of it.	3	[CO3], K2, K3

SECTION C

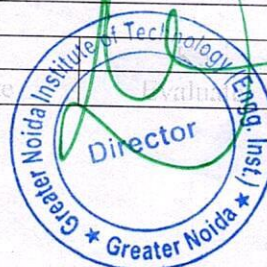
Question 3: Attempt any 02 out of the following.

[5X2=10]

a.	Draw a use case diagram of the Result Management system and also describe each association between a use case and an actor.	5	[CO3], K2, K3
b.	What do you understand by DFD? Draw the standard symbols and explain the function of each symbol.	5	[CO3], K2, K3
c.	What do you understand by Cohesion? Explain its type with help of a diagram.	5	[CO3], K2, K3

Bloom's Taxonomy:

K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create



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GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA-132

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SECONDCLASS TEST, SESSION 2021- 2022 (EVEN SEM.)

DEPTT.- CSE

YEAR:-3rd(6th SEMESTER)

SUBJECT NAME :- WEB TECHNOLOGY (SUBJECT CODE-KCS602)

TIME: 1.30 Hour

MAX MARKS: 30

Note: Answer all questions. Draw neat sketch, wherever necessary. Suitably assume missing data, if any.

SECTION A

Question 1: Attempt all parts in brief.

[1X5=5]

a.	What is meant by empty tag in HTML.	1	[CO3], K2, K3
b.	Explain final keyword in java.	1	[CO2], K2, K3
c.	Explain <td> tag in html.	1	[CO3], K2, K3
d.	What is meant by well-formed XML document.	1	[CO3], K2, K3
e.	What is exception in java.	1	[CO2], K2, K3

SECTION B

Question 2: Attempt any 05 out of the following.

[3X5=15]

a.	Write two use of super keyword.	3	[CO2], K2, K3
b.	Write short note on interface in java.	3	[CO2], K2, K3
c.	Give an account on states of thread.	3	[CO2], K2, K3
d.	Differentiate HTML DOM and XML DOM.	3	[CO3], K2, K3
e.	What do you mean by XML Schema	3	[CO3], K2, K3
f.	How to place hyperlink on web page? Explain <A> tag in detail.	3	[CO3], K2, K3
g.	Explain XML parsers with its types.	3	[CO3], K2, K3

SECTION C

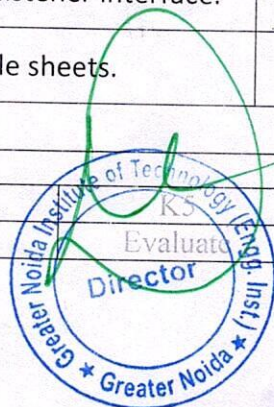
Question 3: Attempt any 02 out of the following.

[5X2=10]

a.	Explain Access modifier in detail.	5	[CO2], K2, K3
b.	What is event handling in java? List five event classes and listener interface.	5	[CO2], K2, K3
c.	What are style sheets? Explain different approaches of style sheets.	5	[CO3], K2, K3

Bloom's Taxonomy:

K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create



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GREATER NOIDA INSTITUTE OF TECHNOLOGY, GREATER NOIDA-132

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Website: <https://www.gniotgroup.edu.in/>

SECOND CLASS TEST, SESSION 2021- 2022 (EVEN SEM.)

DEPTT.- EC/CS/IT/EE

YEAR:-4th (8th SEMESTER) SET A

SUBJECT NAME :- Rural Development: Administration & Planning(SUBJECT CODE –KHU801)

TIME: 1.30 Hour

MAX MARKS: 30

Note: Answer all questions. Draw neat sketch, wherever necessary. Suitably assume missing data, if any.

SECTION A

Question 1: Attempt all parts in brief.

[1X5=5]

a.	What do you mean by Panchayat samiti?	1	[CO3],KL1
b.	List out some important NGO's in India.	1	[CO3],KL2
c.	Define Community based organizations for Rural Development.	1	[C31],KL1
d.	State the Functions of Zila Parishad	1	[CO4],KL4
e.	Mention the various elements of Human Resources.	1	[CO4],KL4

SECTION B

Question 2: Attempt any 05 out of the following.

[3X5=15]

a.	How can you say that "Gram sabha is the basic unit of Panchayat Raj system"?	3	[CO3],KL3
b.	Highlight the main Features of NABARD with its vision and Mission.	3	[CO3],KL4
c.	What is the concept of self Help Groups. Explain the Role of SHG's in Rural Development.	3	[CO3],KL5
d.	What are the various government organizations working in the field of rural finance in India?	3	[CO3],KL4
e.	Explain the concept of Human Resource Development Dimensions.	3	[CO4],KL5
f.	Write a short note on- Nutritional status	3	[CO4],KL4
g.	Discuss Critical HRD Issues.	2	[CO4],KL5

SECTION C

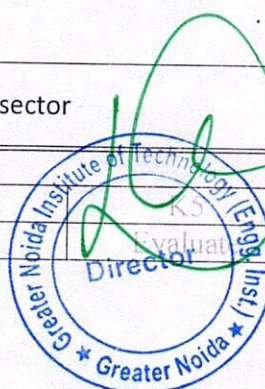
Question 3: Attempt any 02 out of the following.

[5X2=10]

a.	"Panchayati Raj Institutions plays a vital role in development of Rural Area." Comment	5	[CO3],KL5
b.	Discuss Regional Rural Banks (RRBs) and their objectives.	5	[CO3],KL6
c.	What do you mean by HRD? Discuss the need for HRD in Rural sector	5	[CO4],KL6

Bloom's Taxonomy:

K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create



U. ROLL No.



ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

PRE UNIVERSITY TEST (SET A)
SESSION 2022- 2023 (5thSEM.)
DEPTT.-CSE

YEAR: -3rdSUBJECTNAME:-Compiler Design (CODE: KCS502)

TIME: 3.00 Hours

TOTAL MARKS: 100

Note: Answer all questions. Draw neat sketch, wherever necessary. Suitably assume missing data, if any.

Section A

Q1. Attempt all the parts.

[2X10=20]

a.	What are the classifications of a compiler?	2	[CO1], K2
b.	What is YACC? Discuss about it.	2	[CO1], K2
c.	What is dangling else problem?	2	[CO2], K3
d.	Discuss about shift reduce parsing.	2	[CO2], K2
e.	What are the various types of intermediate code representation?	2	[CO3], K2
f.	Find postfix notation for: $(a+b+c)*(c+q)$	2	[CO3], K5
g.	Discuss hash table as data structure for symbol table.	2	[CO4], K4
h.	What is panic mode recovery of syntax analysis phase errors.	2	[CO4], K2
i.	What are basic blocks for code optimization?	2	[CO5], K2
j.	What if the purpose of DAG in code optimization.	2	[CO5], K2

Section B

Q2. Attempt any three of the following:

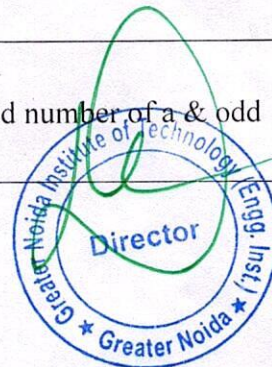
[10X3=30]

a.	Explain in detail the process of compilation for the statement: $a=b+c*70$	10	[CO1], K3,K4
b.	Construct the LALR parsing table for the given grammar $S \rightarrow BB, B \rightarrow aB b$	10	[CO2], K3
c.	Write the quadruple, triple, indirect triple for the following expression $(x+y)*(y+2)+(x+y+z)$	10	[CO3], K3
d.	Explain Lexical and Syntax errors in detail. Also suggest methods for recovery of errors.	10	[CO4], K2
e.	Explain in detail about loop optimization.	10	[CO5], K2

Section C

Q3. Attempt any one part of the following:[10X1=10]

a.	Check whether given grammar is ambiguous or not. If ambiguous then convert it into unambiguous grammar: $E \rightarrow E+E E*E id$	10	[CO1], K4,K5
b.	Write a regular expression To represent a language consisting of strings made up of odd number of a & odd number of b. Construct a DFA for the regular expression.	10	[CO1], K3



Q4. Attempt any one part of the following: [10X1=10]

a.	Construct the SLR Parse table for the following grammar: E->E+E, E->E*E, E->id	10	[CO2], K3,K4
b.	Test whether the grammar is LL(1) or not, and construct parsing table for it. S->1AB ε, A->1AC 0C, B->0S, C->1	10	[CO2], K3,K5

Q5. Attempt any one part of the following:

[10X1=10]

a.	Write syntax directed definition for a given assignment statement: S->id=E, E->E+E, E->E*E, E->-E, E->(E), E->id	10	[CO3], K4,K5
b.	Generate the three address code for the following fragment While(a>b) { If(c<d) x=y+z; else x=y-z; }	10	[CO3], K5

Q6. Attempt any one part of the following:

[10X1=10]

a.	What is symbol table? Explain various data structures used for symbol table.	10	[CO4], K1,K2
b.	Discuss how induction variables can be detected and eliminated from the given intermediate code B2: i:=i+1 T1:=4j T2:=a[T1] If T2<10 goto B2	10	[CO4], K5

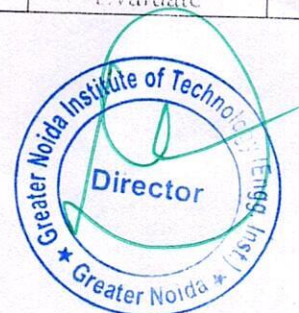
Q7. Attempt any one part of the following:

[10X1=10]

a.	What are the advantages of DAG? Discuss in detail with suitable examples.	10	[CO5], K2
b.	What are the issues in the design of code generator? Discuss in detail.	10	[CO5], K1,K2

Bloom's Taxonomy:

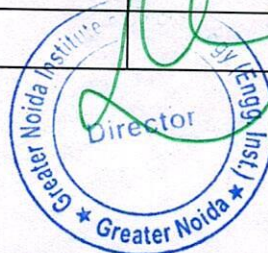
K1	K2	K3	K4	K5	K6
Remember	Understand	Apply	Analyze	Evaluate	Create



Auditing of Question Paper - Check list

Programme: B.Tech / M.Tech/ MCA		Session :	
Branch:		Semester :	
Subject Name & Code:		CT-1/ CT-2	
Name of Faculty & Mobile no:			
Sl. No.	The following have been checked in detail in the question paper	Remarks	
1	Standard of Question paper (As per AKTU)	Very Good/Good/Satisfactory/Poor	
2	Coverage of syllabus	Very Good/Good/Satisfactory/Poor	
3	Question paper conforms to syllabus	Yes / No	
4	Question paper conforms to the format	Yes / No	
5	Marks are distributed correctly	Yes / No	
6	Department, Programme, branch, semester, batch and course name verified	Yes / No	
7	Whether Question Paper is answerable to an average student (s)	Yes / No	
8	Grammar errors checked	Yes / No	
9	Diagrams if any checked	Yes / No	
10	Question are complete without missing any data	Yes / No	
11	Modifications made in question paper	Yes / No	
12	Repetition of questions checked	Yes / No	
13	Whether sufficient 'Higher Order Thinking Skills' (HODs) Question are included in the Question	Yes / No	
14	Adequate time for questions allotted	Yes / No	
15	Reason for Rejection, if applicable	Yes / No	
16	Your recommendations/ other comments:	Yes / No	
Declaration			
I/ we will not discuss or inform any thing related to this audit to any one else.			

Sl. No.	Name of the Committee Members	Designation	Department	Signature
1				
2				



Signature of HOD



Roll No:

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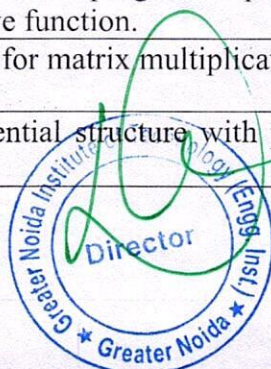
BTECH
(SEM I) THEORY EXAMINATION 2021-22
PROGRAMMING FOR PROBLEM SOLVING

Time: 3 Hours**Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****2x10 = 20**

Qno.	Question	Marks	CO
a.	Draw the Memory hierarchy representation.	2	1
b.	Why is RAM called a Volatile memory?	2	1
c.	Write down the output of following code. #include <stdio.h> int main() { int a=23; ; ;printf("%d",a); ; return 0; }	2	2
d.	Write down the output of following code. #include<stdio.h> int main() { int a = 5; a = 1, 2, 3; printf("%d", a); return 0; }	2	2
e.	Write the use of continue statement.	2	3
f.	What is the difference between entry control loop and exit control loop?	2	3
g.	How the size of the structure defined in c programming?	2	4
h.	Why is sorting process required?	2	4
i.	Write the advantages of using macro in C programming.	2	5
j.	Draw the basic structure of Linked List and explain its node.	2	5

SECTION B**2. Attempt any three of the following:****3x10 = 30**

Qno.	Question	Marks	CO
a.	Differentiate between Compiler and Interpreter. Draw the flow chart of swapping of two numbers.	10	1
b.	What do you mean by Operands? Discuss the operator precedence and associativity of all the operators.	10	2
c.	Write the advantage of recursive function? Write a program to print the Fibonacci series up to n number with recursive function.	10	3
d.	Write short note on array. Write the program for matrix multiplication of two matrix elements.	10	4
e.	Explain the concept of pointer in self-referential structure with proper example.	10	5





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BTECH
(SEM I) THEORY EXAMINATION 2021-22
PROGRAMMING FOR PROBLEM SOLVING

SECTION C

3. Attempt any one part of the following: 1x10=10

Qno.	Question	Marks	CO
a.	Differentiate between High level and Low-Level Programming. Draw and explain the diagram of Digital computer.	10	1
b.	Explain the different kind of storage classes used in C programming with proper syntax.	10	1

4. Attempt any one part of the following: 1x10=10

Qno.	Question	Marks	CO
a.	Write the use of Break statement in switch case. Write a program to find out the greatest number out of three numbers.	10	2
b.	Explain different type of operators in C programming. Which concept makes the difference between operators when precedence is same?	10	2

5. Attempt any one part of the following: 1x10=10

Qno.	Question	Marks	CO
a.	Write a program to print the pattern 1 2 3 4 5 6 7 8 9 10	10	3
b.	Write a Program to find the entered number is Armstrong number or not.	10	3

6. Attempt any one part of the following: 1x10=10

Qno.	Question	Marks	CO
a.	Write a program two find out the odd place and even place numbers from the array elements and print the sum of these numbers respectively.	10	4
b.	Write the program for bubble sorting an explain it with example list 5, 7, 2, 1, 3, 6.	10	4

7. Attempt any one part of the following: 1x10=10

Qno.	Question	Marks	CO
a.	Write the importance of free () function in Dynamic memory allocation. Explain dynamic memory allocation with the functions use in it.	10	5
b.	Difference between read and write mode in file handling. Write a program to copy the content from file to another file and count the characters.	10	5





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BTECH
(SEM IV) THEORY EXAMINATION 2021-22
OPERATING SYSTEMS

Time: 3 Hours**Total Marks: 100****Note:** Attempt all Sections. If you require any missing data, then choose suitably.**SECTION A****1. Attempt all questions in brief.****2*10 = 20**

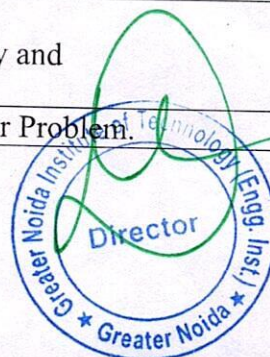
Q.no	Questions	Marks	CO
(a)	Define Operating system and mention its major functions.	2	2
(b)	Briefly define the term Real Time Operating System.	2	1
(c)	What do you mean by Concurrent Processes?	2	2
(d)	Define Seek time and Latency time.	2	1
(e)	What do we need Scheduling?	2	3
(f)	What are the Performance Criteria in CPU Scheduling?	2	3
(g)	Explain the Logical address space and Physical address space diagrammatically.	2	4
(h)	Explain in brief about the Multiprogramming with fixed partitions.	2	4
(i)	What do you mean by the safe state and an unsafe state?	2	5
(j)	What do you mean by the I/O Buffering?	2	5

SECTION B**2. Attempt any three of the following:****10*3 = 30**

Q.no	Questions	Marks	CO
(a)	Explain in detail about the File system protection and security.	10	5
(b)	Explain in detail about the Mutual Exclusion and Critical Section Problem.	10	2
(c)	Explain in detail about the Process Control Block (PCB) in CPU Scheduling.	10	3
(d)	Explain in detail about the Disk storage and Disk scheduling.	10	4
(e)	Explain in detail about the Multiuser Systems and Multithreaded Systems.	10	1

SECTION C**3. Attempt any one part of the following:****10*1 = 10**

Q.no	Questions	Marks	CO
(a)	Write short notes on following. i) File system protection and security and ii) Linked File allocation methods	10	5
(b)	Explain in detail about the Dining Philosopher Problem.	10	2





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BTECH
(SEM IV) THEORY EXAMINATION 2021-22
OPERATING SYSTEMS

4. Attempt any *one* part of the following:

10 *1 = 10

Q.no	Questions	Marks	CO
(a)	Explain in detail about the Operating System services.	10	1
(b)	Explain in detail about the Threads and their management.	10	3

5. Attempt any *one* part of the following:

10*1 = 10

Q.no	Questions	Marks	CO
(a)	Explain about the concept of File concept. Define in detail about the File organization and access mechanism.	10	4
(b)	A hard disk having 2000 cylinders, numbered from 0 to 1999. the drive is currently serving the request at cylinder 143, and the previous request was at cylinder 125. The status of the queue is as follows 86, 1470, 913, 1774, 948, 1509, 1022, 1750, 130 What is the total distance (in cylinders) that the disk arm moves to satisfy the entire pending request for each of the following disk-scheduling algorithms? (i) SSTF (ii) FCFS	10	5

6. Attempt any *one* part of the following:

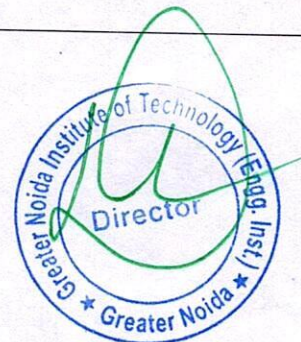
10*1 = 10

Q.no	Questions	Marks	CO
(a)	Explain in detail about the Inter Process Communication models and Schemes.	10	2
(b)	Explain in detail about the Monolithic and Microkernel Systems.	10	1

7. Attempt any *one* part of the following:

10*1 = 10

Q.no	Questions	Marks	CO
(a)	Explain in detail about the Deadlock System model and Deadlock characterization.	10	3
(b)	Illustrate the following page-replacement algorithms. i) FIFO ii) Optimal Page Replacement Use the reference string 7, 0, 1, 2, 0, 3, 0, 4, 2, 3, 0, 3, 2, 1, 2, 0, 1, 7, 0, 1 for a memory with three frames.	10	4





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BTECH
(SEM V) ADDITIONAL COP EXAMINATION 2021-22
COMPILER DESIGN

Time: 3 Hours**Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.**SECTION A****1. Attempt all questions in brief.****2 x 10 = 20**

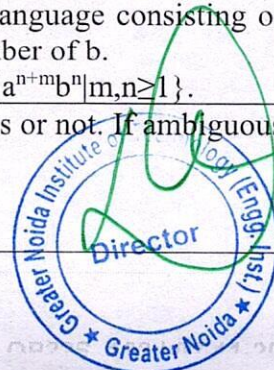
Qno.	Question	Marks	CO
a.	What is YACC? Discuss about it.	2	CO 1
b.	Design a DFA for the following regular expression: $(x+y)^*xyy$	2	CO 1
c.	Consider the following grammar: $S \rightarrow B SabS, B \rightarrow bB \epsilon$ Compute FOLLOW(B)	2	CO 2
d.	Discuss about shift-reduce parsing.	2	CO 2
e.	Find the postfix notation for the following expression: $(a+b+c)^*(c+q)$	2	CO 3
f.	Discuss about non-linear type intermediate code.	2	CO 3
g.	Write short note on "Activation Record"	2	CO 4
h.	Discuss about hash table.	2	CO 4
i.	Discus about constant folding.	2	CO 5
j.	Discuss about designing issues of code generator.	2	CO 5

SECTION B**2. Attempt any three of the following:****3 x 10 = 30**

Qno.	Question	Marks	CO
a.	Explain in detail the process of compilation for the statement $a=b+c*70$.	10	CO 1
b.	Construct the CLR(1) parsing table for the following grammar: $S \rightarrow AA, A \rightarrow aA b$	10	CO 2
c.	Consider the following grammar and give the syntax directed definition to construct parse tree for the input expression $4*7+3*9$. Also construct an annotated parse tree according to your syntax directed definition. $E \rightarrow E+T T, T \rightarrow T*F F, F \rightarrow \text{num.}$	10	CO 3
d.	Explain lexical, syntax, semantic phase errors in detail.	10	CO 4
e.	Explain in detail about loop optimization.	10	CO 5

SECTION C**3. Attempt any one part of the following:**

Qno.	Question	Marks	CO
a.	(i). Write a regular expression to represent a language consisting of strings made up of odd number of a & odd number of b. (ii). Write a CFG to represent the language $L = \{a^{n+m}b^n m, n \geq 1\}$.	10	CO 1
b.	(i). Check whether given grammar is ambiguous or not. If ambiguous then convert it into unambiguous grammar: $E \rightarrow E+E E*E id$ (ii). Discuss about cross compiler.	10	CO 1





Roll No:

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BTECH
(SEM V) ADDITIONAL COP EXAMINATION 2021-22
COMPILER DESIGN

4. Attempt any one part of the following:

Qno.	Question	Marks	CO
a.	Check whether the given grammar is LR (0) or not: $S \rightarrow PQy$, $P \rightarrow Sy x$, $Q \rightarrow yS$	10	CO 2
b.	Find the precedence and function table of the following grammar by using operator precedence technique. $P \rightarrow SR S$, $R \rightarrow bSR bS$, $S \rightarrow WbS W$, $W \rightarrow L*W L$, $L \rightarrow id$	10	CO 2

5. Attempt any one part of the following:

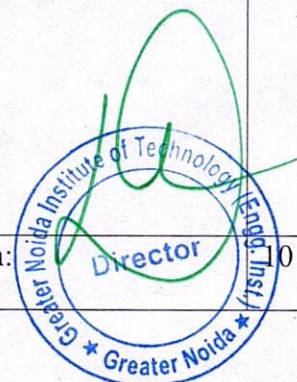
Qno.	Question	Marks	CO
a.	Translate the following arithmetic expression into quadruples and triples: (i). $x=y*z+y*-z$ (ii). $a=-b*(c+d)+b$	10	CO 3
b.	Generate three address code for the following code: Switch p+q { case 1: $x=x+1$ case 2: $y=y+2$ case 3: $z=z+3$ default: $c=c-1$ }	10	CO 3

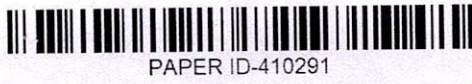
6. Attempt any one part of the following:

Qno.	Question	Marks	CO
a.	What is symbol table? Explain various data structures used for symbol table.	10	CO 4
b.	(i). Explain the function of error handling phase of a compiler. (ii). Write short note on scoping.	10	CO 4

7. Attempt any one part of the following:

Qno.	Question	Marks	CO
a.	Construct the flow graph for the following code segment: fact(n) { int f=1; for(i=2; i≤n; i++) f=f*i; return f; }	10	CO 5
b.	Define a DAG. Construct a DAG for the expression: $p+p*(q-r)+(q-r)*s$	10	CO 5



Roll No:

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B.TECH
(SEM VII) THEORY EXAMINATION 2021-22
ARTIFICIAL INTELLIGENCE

Time: 3 Hours**Total Marks: 100****Note: 1.** Attempt all Sections. If require any missing data; then choose suitably.

SECTION A

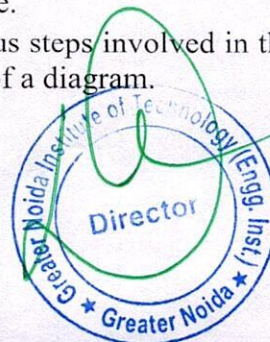
- 1. Attempt all questions in brief.** **2 x 10 = 20**
- a. What is a heuristic function?
 - b. Explain the role of Computer Vision in artificial intelligence.
 - c. What do you understand by feature extraction?
 - d. What are the different properties of a task environment?
 - e. Describe the First-order logic model.
 - f. Describe resolution in brief.
 - g. What is LISP? Why it is so popular in AI.
 - h. What is the role of intelligent agent?
 - i. What is the need of classification techniques in pattern recognition?
 - j. Differentiate supervised and unsupervised learning.

SECTION B

- 2. Attempt any three of the following:** **10 x 3 = 30**
- a. What is meant by the term Artificial Intelligence? How it is difficult from natural intelligence?
 - b. Discuss Branch-and-bound search algorithm.
 - c. What is the difference between knowledge representation and knowledge acquisition?
 - d. Explain clustering and differentiate between supervised and unsupervised learning.
 - e. Describe the N-queens problem in detail. Also explain with an example.

SECTION C

- 3. Attempt any one part of the following:** **10 x 1 = 10**
- (a) What do you understand by natural language processing?
 - (b) Explain the concept of alpha-beta pruning. write alpha-beta search algorithm.
- 4. Attempt any one part of the following:** **10 x 1 = 10**
- (a) Differentiate between local search and global search.
 - (b) Discuss simulated annealing search algorithm with its advantages and disadvantages.
- 5. Attempt any one part of the following:** **10 x 1 = 10**
- (a) Define forward chaining and backward chaining with examples.
 - (b) Discuss various application domains of machine learning.
- 6. Attempt any one part of the following:** **10 x 1 = 10**
- (a) Write short notes on support vector machine.
 - (b) What is pattern recognition? Explain various steps involved in the designing of a pattern recognition system with the help of a diagram.
- 7. Attempt any one part of the following:** **10 x 1 = 10**
- (a) Write short notes on Bayesian classifier.
 - (b) Write short notes on LDA and PCA



Department of Computer Science & Engg.

Result Analysis for B. Tech(CSE Third Sem. (A)) Session 2021-2022

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1								
2								
3								
4								
5								
6								

Total No of Students Registered
Total No of Students Appeared
Total No of Students Detained
Result Declared
Clear Pass
Pass with carry paper
Result awaited
Percentage of Pass without Carry
No of Students that have CP(1)
No of Students those have CP(2)
No of Students those have CP(3)
No of Students those have CP(4)
No of Students those have more and equal CP(5)

CC: PA to Director
IQAC

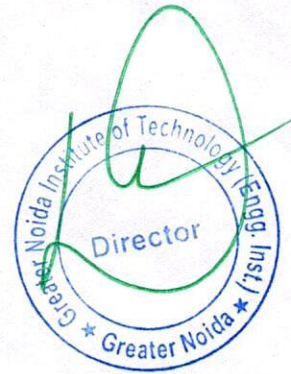


HoD (CSE)



ग्रेटर नोएडा इंस्टीट्यूट ऑफ टेक्नोलॉजी (इंजीनियरिंग इंस्टीट्यूट)
GREATER NOIDA INSTITUTE OF TECHNOLOGY (Engg. Institute)

Department of Electrical Engineering
Result Analysis
2020-21 (Even Semester)



Department of Electrical Engineering

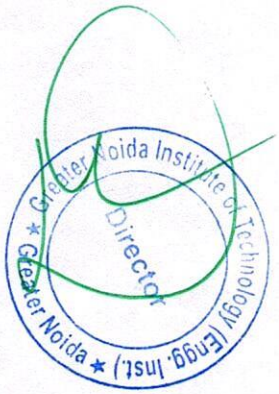
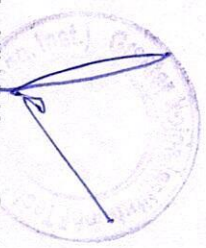
Result Analysis for B. Tech(EE Fourth Sem. (A)) Session 2020-2021

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	KAS402	Math-IV	Dr. Kirti	32	32	4	87.50%	43.06%
2	KAS401	Technical Communication	Mrs. Shreshtha Bohra	32	32	2	93.75%	50.34%
3	KEE401	Digital Electronics	Ms. Renuka Gandhi	32	32	2	93.75%	64.09%
4	KEE402	Electrical Machines-I	Mr. Aneep Kumar	32	32	2	93.75%	48.66%
5	KEE403	Network Analysis & Synthesis	Mr. Bhuvnesh Khokhar	32	32	2	93.75%	71.78%
6	KNCA01	Computer System Security	Ms. Priya	32	32	7	78.13%	36.38%

Total No of Students Registered	32
Total No of Students Appeared	32
Total No of Students Detained	0
Result Declared	32
Clear Pass	24
Pass with carry paper	8
Result awaited	0
Percentage of Pass without Carry	75%
No of Students that have CP(1)	6
No of Students those have CP(2)	1
No of Students those have CP(3)	0
No of Students those have CP(4)	0
No of Students those have more and equal CP(5)	2

CC: PA to Director
IQAC

Mr. Nikhil Kumar Gupta
Head of Department



Department of Electrical Engineering

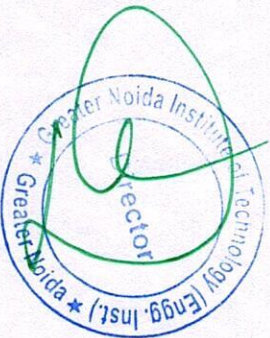
Result Analysis for B. Tech(EE Sixth Sem. (A)) Session 2020-2021

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	KEE601	Power System-II	Mr. Bhuvnesh Khokhar	29	29	0	100.00%	66.76%
2	KEE602	Microprocessor & Microcontroller	Ms. Renuka Gandhi	29	29	0	100.00%	85.17%
3	KEE603	Power Electronics	Mr. Rajesh Kumar	29	29	0	100.00%	82.28%
4	KEE061	Special Electrical Machines	Dr. Sandeep Goyat	29	29	0	100.00%	51.45%
5	KOE063	Introduction To MSME	Mr. Sushil Singh	29	29	0	100.00%	82.48%
6	KNCG02	Indian Tradition, culture and Society	Mr. Aneep Kumar	29	29	0	100.00%	64.72%

Total No of Students Registered	29
Total No of Students Appeared	29
Total No of Students Detained	0
Result Declared	29
Clear Pass	17
Pass with carry paper	12
Result awaited	0
Percentage of Pass without Carry	59%
No of Students that have CP(1)	7
No of Students those have CP(2)	2
No of Students those have CP(3)	3
No of Students those have CP(4)	0
No of Students those have more and equal CP(5)	0

CC: PA to Director
IQAC

Mr. Nikhil Kumar Gupta
Head of Department



Department of Electrical Engineering

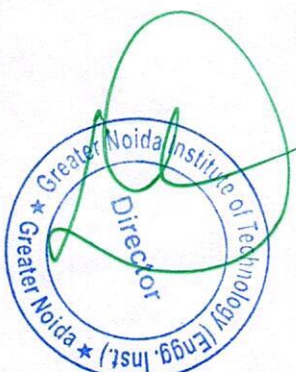
Result Analysis for B. Tech(EE Eighth Sem. (A)) Session 2020-2021

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	ROE081	Digital and Social Media Marketing	Mr.Nikhil Kumar Gupta	32	32	2	93.75%	32.41%
2	REE081	Introduction to Power Quality & FACTS	Dr.Sandeep Goyat	32	32	0	100.00%	50.03%
3	REE086	Power Theft & Energy Management	Mr.Ankit Gupta	32	32	1	96.88%	49.47%

Total No of Students Registered	32
Total No of Students Appeared	32
Total No of Students Detained	0
Result Declared	32
Clear Pass	29
Pass with carry paper	3
Result awaited	1
Percentage of Pass without Carry	91%
No of Students that have CP(1)	3
No of Students those have CP(2)	0
No of Students those have CP(3)	0
No of Students those have CP(4)	0
No of Students those have more and equal CP(5)	0

CC: PA to Director
 IQAC

Mr. Nikhil Kumar Gupta
 Head of Department



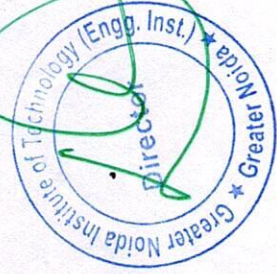
Department of Civil & Engg.

Result Analysis for B. Tech(Civil 2nd (3rd Sem)) Session 2020-2021

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	KAS-303	ENGINEERING MATHEMATICS-III	Ms. RENU KAUSHIK AS	69	69	21	69.57%	66.29%
2	KVE-301	HUMAN VALUE	Mr Manoj Gupta	69	69	1	98.55%	73.62%
3	KCE-301	ENGG. MECHANICS	Shashikant	69	69	21	69.57%	59.87%
4	KCE-302	Surveying & Geomatics	Manish	69	69	11	84.06%	81.59%
5	KCE-303	Fluid Mechanics	Shashikant	69	69	20	71.01%	56.68%

Total No of Students Registered	69
Total No of Students Appeared	69
Total No of Students Detained	0
Result Declared	69
Clear Pass	18
Pass with carry paper	51
Result awaited	0
Percentage of Pass without Carry	26%
No of Students that have CP(1)	16
No of Students those have CP(2)	9
No of Students those have CP(3)	8
No of Students those have CP(4)	4
No of Students those have more and equal CP(5)	0

CC: PA to Director



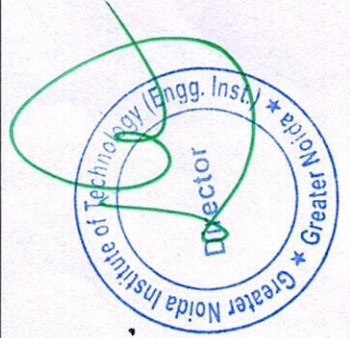
Department of Civil Engg.

Result Analysis for B. Tech (CE 5TH semester. Session 2020-2021)

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	KCE-501	Geotechnical Engineering	Mr. Arvind Kumar	42	42	10	76.19%	37.88%
2	KCE-502	Structural Analysis	Mr. Shubham Singh	42	42	6	85.71%	38.44%
3	KCE-503	Quantity Estimation & Construction Management	Mr. Syed Tabish Qadri	42	42	6	85.71%	38.99%
4	KCE-051	CONCRETE TECHNOLOGY	Mr. Ranjan Aggarwal	42	42	4	90.48%	43.66%
5	KOE-055	Constitution of India/Essence of	Mr. Manish Singh	42	42	2	95.24%	46.55%

Total No of Students Registered	42
Total No of Students Appeared	42
Total No of Students Detained	0
Result Declared	42
Clear Pass	27
Pass with carry paper	15
Result awaited	0
Percentage of Pass without Carry	64%
No of Students that have CP(1)	5
No of Students those have CP(2)	4
No of Students those have CP(3)	1
No of Students those have CP(4)	2
No of Students those have more and equal CP(5)	0

CC: PA to Director



Department of Civil Engg.

Result Analysis for B. Tech(CE 7th Sem. Session 2020-2021

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	ROE-074	UHV	Mr. Manoj Gupta	81	81	5	93.83%	43.68%
2	RCE-074	RIVER ENGG	Mr. Subhash Patel	81	81	1	98.77%	34.43%
3	RCE-076	RAW (Railway, Airport & Waterways)	Mr. Anupam Sharma	81	81	4	95.06%	33.17%
4	RCE-701	DOS-III	Mr. Deepak Pal	81	81	21	74.07%	24.46%
5	RCE-702	WATER RESOURCE	Mr. Ranjan Kumar	81	81	1	98.77%	35.13%

Total No of Students Registered	81
Total No of Students Appeared	81
Total No of Students Detained	0
Result Declared	81
Clear Pass	62
Pass with carry paper	19
Result awaited	0%
Percentage of Pass without Carry	77%
No of Students that have CP(1)	16
No of Students those have CP(2)	7
No of Students those have CP(3)	0
No of Students those have CP(4)	0
No of Students those have more and equal CP(5)	0



CC: PA to Director

Department of Civil & Engg.

Result Analysis for B. Tech(Civil 4th Sem) Session 2020-2021

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	KCE-401	Material testing and construction	Mr. SUBASH PATEL	69	69	0	100.00%	66.29%
2	KCE-402	Solid Mechanics	Mr. SHASHI KANT	69	69	0	100.00%	73.62%
3	KCE-403	Hydraulics and Hydraulic machine	Ms. Komal Jayaswal	69	69	0	100.00%	59.87%
4	KOE-043	Engineering Science	Mr. Mekharaj Chhetri	69	69	0	100.00%	81.59%
5	KAS-401	Techniacl Communication	Ms. Shrestha Bohra	69	69	0	100.00%	56.68%
6	KNC-401	Computer System Security	Mr. Abhishek Chaudhary	69	69	0	100.00%	37.00%

Total No of Students Registered	69
Total No of Students Appeared	69
Total No of Students Detained	0
Result Declared	69
Clear Pass	69
Pass with carry paper	0
Result awaited	0
Percentage of Pass without Carry	100%
No of Students that have CP(1)	0
No of Students those have CP(2)	0
No of Students those have CP(3)	0
No of Students those have CP(4)	0
No of Students those have more and equal CP(5)	0



CC: PA to Director

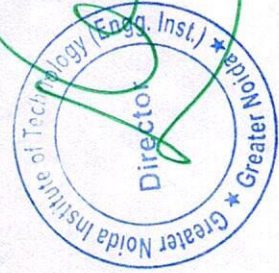
Department of Civil Engg.

Result Analysis for B. Tech(CE 6th Sem. Session 2020-2021)

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	KCE-601	DCS	Dr. Rajesh Sharma	42	42	0	100.00%	70.61%
2	KCE-602	TRANSPORT	Mr. Manish Singh	42	42	0	100.00%	77.59%
3	KCE-603	ENIV	Mr. Tarun Kumar	42	42	0	100.00%	51.80%
4	KCE-064	FOUNDATION	Mr. Arvind Kumar	42	42	0	100.00%	82.71%
5	KOE-066	GIS	Mr. Syed Tabish Qadri	42	42	0	100.00%	89.66%
6	KNC-602	ITC	Mr. Arvind Kumar	42	42	0	100.00%	41.33%

Total No of Students Registered	42
Total No of Students Appeared	42
Total No of Students Detained	0
Result Declared	42
Clear Pass	42
Pass with carry paper	0
Result awaited	0
Percentage of Pass without Carry	100%
No of Students that have CP(1)	0
No of Students those have CP(2)	0
No of Students those have CP(3)	0
No of Students those have CP(4)	0
No of Students those have more and equal CP(5)	0

CC: PA to Director



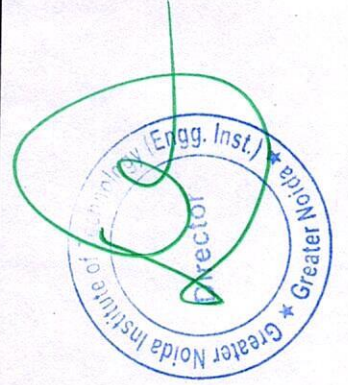
Department of Civil Engg.

Result Analysis for B. Tech(CE 8th Sem. Session 2020-2021)

S. No	Sub Code	Name of Subject	Name of Sub. Teacher	No of Students	Result Declared	No of Carry Paper	% Result	Average Marks Percentage
1	ROE-087	Human Value & Madhyasth Darshan	Mr. Manoj Gupta	81	81	4	95.06%	43.68%
2	RCE-083	Advanced Concrete Design	Mr. Ranjan Kumar	81	81	1	98.77%	34.43%
3	RCE-085	Engg Hydrology & Ground Water Management	Mr. Anupam Sharma	81	81	0	100.00%	33.17%

Total No of Students Registered	81
Total No of Students Appeared	81
Total No of Students Detained	0
Result Declared	81
Clear Pass	76
Pass with carry paper	5
Result awaited	0
Percentage of Pass without Carry	94%
No of Students that have CP(1)	5
No of Students those have CP(2)	0
No of Students those have CP(3)	0
No of Students those have CP(4)	0
No of Students those have more and equal CP(5)	0

CC: PA to Director



CO/ PO Attainment Policy

Our Institute, Greater Noida Institute of Technology follows the Outcome Based Education (OBE) as defined by the National Board of Accreditation (NBA) for the Course Outcome (CO) and the Programme Outcome (PO).

1. Course Outcomes (COs): For each course CO statements are defined as the knowledge, skills and abilities that our students are expected to know after the completion of the course. Well stated COs facilitates subject teachers for clear computation of COs and it helps the teachers to design a suitable and assessment methods to achieve the defined CO.

COs are mapped to POs and attainment of each PO is calculated by various tools considering set target levels. COs should be drawn in such a way that they should be generic enough to state the outcomes rather than speaking very much specific about the syllabi prescribed by the affiliating University (AKTU).

2. Programme Outcomes (POs): POs are centrally defined by the Institution based on the Graduate Attributes, 12 in numbers described by the NBA as the essential attributes having with all graduate students passed in the various courses of the Institute.

As per OBE following two methods are used for calculating the POs:

- (i) Direct Attainment
- (ii) Indirect Attainment

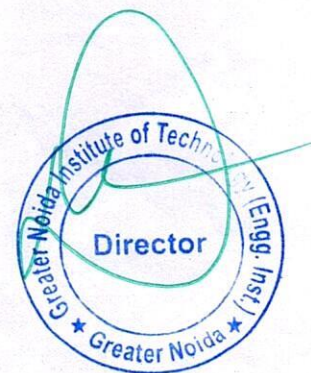
3. Programme Specific Outcomes (PSOs): PSO statements are defined by various department of the Institution on the basis of the curriculum prescribed by the affiliating University (AKTU). These PSOs are considered while mapping with COs along with the established POs.

4. CO/PO-PSO Matrix: CO PO Matrix is used to measure individual POs having correlation with CO. The weightage scale is defined in the scale of 1-3 Low, Moderate, High.

Rubrics designed for the Computation of Course Outcomes (CO) and Programme Outcomes (PO):

Step 1: Computation of COs:

S. No.	COURSE OUTCOMES	Direct Assessment (80%)		Indirect Assessment (20%)	Overall Attainment
		Internal Assessment (20%)	External Assessment (80%)		
1	CO1	1	3	3	2.68
2	CO2	1	3	3	2.68
3	CO3	3	3	3	3
4	CO4	3	3	3	3
5	CO5	3	3	3	3
Overall CO					

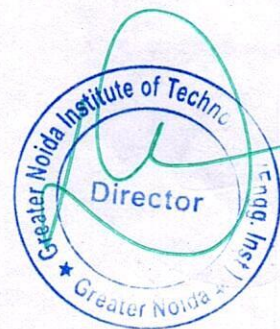


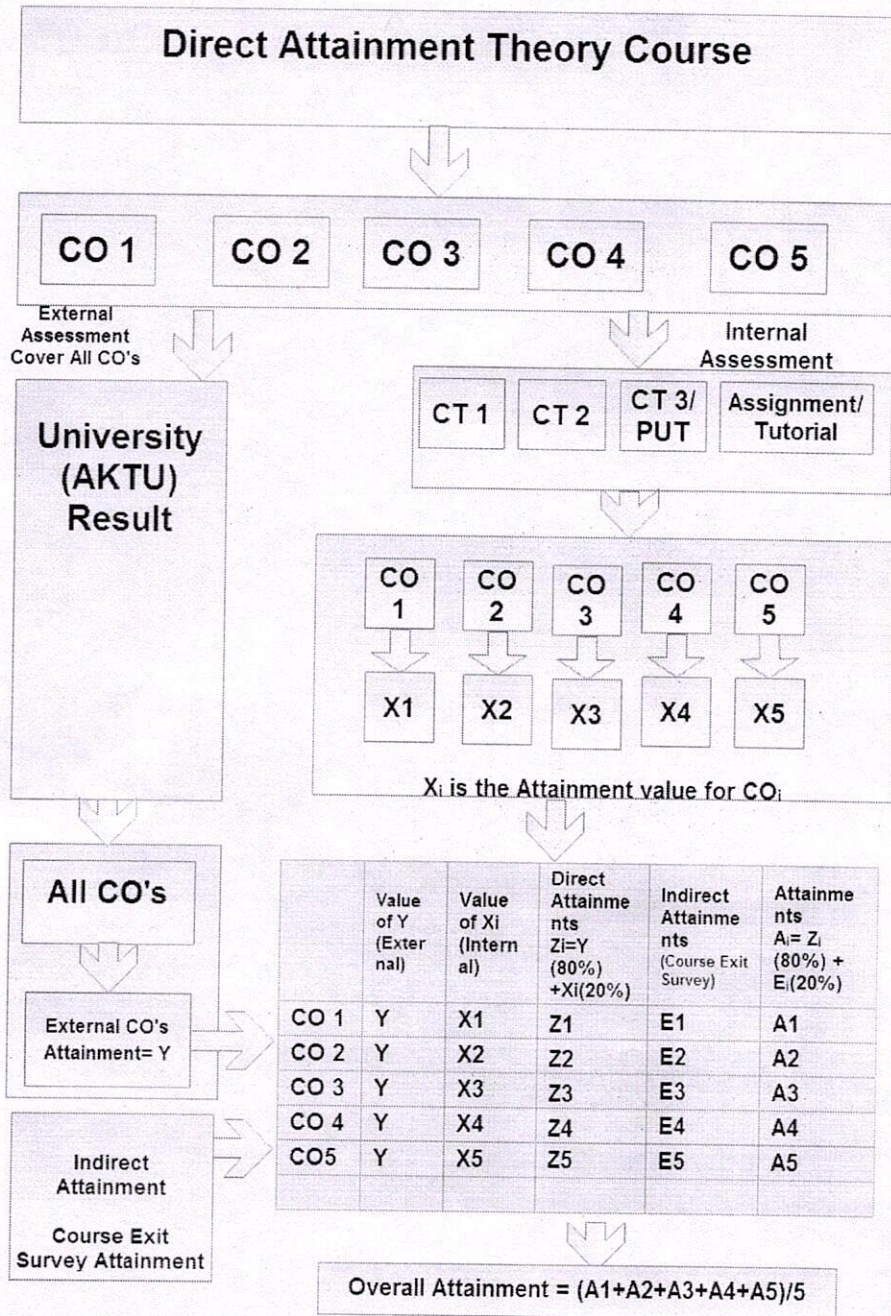
Attainment Level (Internal Assessment)	Level 1- Upto 50% students will secure $\geq 70\%$ marks in CO
	Level 2- 50-60% students will secure $\geq 70\%$ marks in CO
	Level 3- 60% or more students will secure $\geq 70\%$ marks in CO
Attainment Level (Course Exit Survey)	Level 1- Upto 50% students will be agreed.
	Level 2- 50-60% students will be agreed.
	Level 3- 60% or more students will be agreed.
Attainment Levels (End Sem University Result)	Level 1- Upto 50% students will secure / obtain 50% or more marks.
	Level 2- 50-60% students will secure / obtain 50% or more marks.
	Level 3- 60% or more students will secure / obtain 50% or more marks.

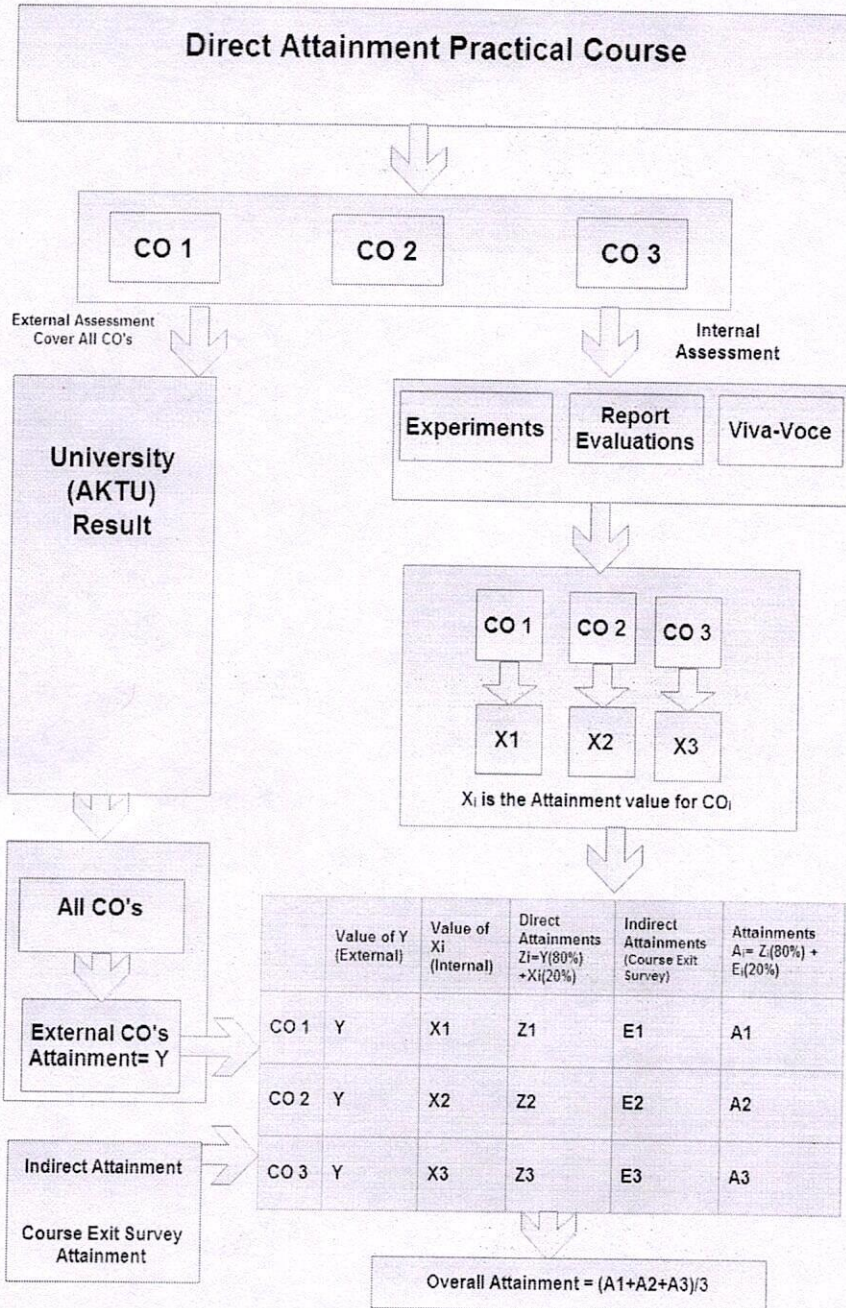
Overall Assessment: Direct Assessment with weightage 80% + Indirect Assessment with weightage 20%

Direct Assessment (80%): Internal Assessment (CT1, CT2, PUT, Assignment) with weightage 20% and University Exam weightage 80%

Indirect Assessment (20%): Course Exit Survey obtained from the students after the completion of each course obtained by the subject teacher







Step 2: Establishment of CO-PO Mapping Matrix & Calculating POs: The course and program outcome (CO-PO) assessment includes all data of class tests, assignments, course exits and exams imported from course file of individual faculty along with Blooms level. Each CO is being matched with the corresponding PO-PSO by assigning the values in the scale of 1: LOW, 2: MODERATE, 3: HIGH. As a result we obtain a table as follows:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
CO1									
CO2									
CO3									
CO4									
CO5									
Avg PO:									

	PO10	PO11	PO12	PSO1	PSO2
CO1					
CO2					
CO3					
CO4					
CO5					
Avg PO:					

After obtaining the attainment values of each CO, attainment of individual PO is computed by using formula as follows:

$$\text{Attainment of PO1} = (\text{Avg PO1}/3) * \text{Overall CO Attainment}$$

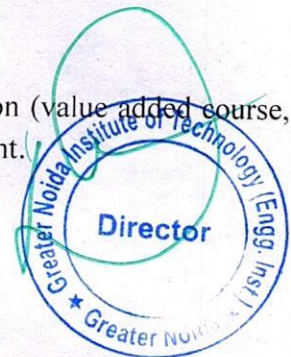
Similarly other POs and PSOs attainment values are computed.

After computing all POs subject teacher will submit the data to HoD for the analysis of POs with **threshold value**.

The Threshold value is defined on the basis of Gaps identified from the individual values of each PO obtained in previous 3 years which is desired to be varies in increasing manner.

Step 3: Suggested Actions Taken/planned on Gap Analysis

On the basis of values obtained for each PO attainment appropriate action (value added course, seminar, guest lecture, workshop) being taken by the concerned department.



CO Attainment

Attainment Levels (Internal Assessment)

Level 1- Upto 50% students will secure $\geq 70\%$ marks in CO

Level 2- 50-60% students will secure $\geq 70\%$ marks in CO

Level 3- 60% or more students will secure $\geq 70\%$ marks in CO

Attainment Levels (Course End Survey)

Level 1- Upto 50% students will be agreed.

Level 2- 50-60% students will be agreed.

Level 3- 60% or more students will be agreed.

Attainment Levels (End Sem Result)

Level 1- Upto 50% students will secure / obtain 50% or more marks.

Level 2- 50-60% students will secure / obtain 50% or more marks.

Level 3- 60% or more students will secure / obtain 50% or more marks.

CO Assessment

S.No	CO	Direct Assessment(80%)		Indirect Assessment(20%)	Overall Attainment
		Internal Assessment(20%)	External assessment (80%)		
1	CO1	1	1	3	1.4
2	CO2	1	1	3	1.4
3	CO3	3	1	3	1.72
4	CO4	3	1	3	1.72
5	CO5	3	1	3	1.72

Average Attainment =

1.592

