2.2.1 SPECIAL PROGRAMMES FOR ADVANCED AND SLOW LEARNERS

THE INSTITUTION ASSESSES THE LEARNING LEVELS OF THE STUDENTS AND ORGANIZES SPECIAL PROGRAMMES FOR ADVANCED LEARNERS AND SLOW LEARNERS

Nehru Institute of Engineering and Technology admits students through

(i) Affiliated University (Anna University) counselling and

(ii) Admission based on Merit list prepared by Consortium of Self Financing Engineering Colleges.

Therefore, the admitted students represent a combination of bright students and average students. To help them to cope up with the new learning environment, a number of measures are taken by the Institute for their betterment.

Library facility is available to all students and the learners of all categories are permitted to borrow the books from the library for effective preparation and to collect extra references for the content presentation in the Examination. Parents are invited in the middle of semester to interact with concerned Class advisors/ mentor and course handling faculty members to discuss the progress of their wards.

Mentor-mentee relationship is followed in our institution. The mentor, herewith called Class advisor has to maintain a Students' Record, to keep track of the records of the mentees. This is to help and to identify the slow learners as well as the advanced learners from each batch of each year and every course.

During the pandemic period slow learners were motivated and focused to concentrate on important questions in the entire respective subject and special hours were allotted through online mode.

Each type of students has different learning attitudes and learning habits. The objective of such assessment process of the learning levels of the students is

- To identify the factors affecting the student's performance.

- To analyze them with respect to the institutional framework.

- To provide a proper solution for improving their performance and to build a successful career after thorough identification and analysis of the students.

2. IDENTIFY SLOW AND ADVANCED LEARNERS

2.1 Student Information Form

Every faculty advisor/mentor maintains a Students' record

Following records are to be maintained by Class Advisor/mentor of each class:

(i)   Student Information record
(ii)   Marks Statement (Internal Assessment and University Exams)
(iii)   List of slow and advanced learners of their batch.
(iv)   Remedial measures are taken and details (circulars and notices)
(v)   Records of activities for both types of learners

2.2 Process to Identify Slow and Advanced Learners

The process of identifying slow and advanced learners is as shown in the table. All students of a particular batch are assessed on following parameters:

S.No.	Assessment Criteria
1.	**Problem Solving Skills:**
	Previous University Exam Score
	Class Tests
	Attendance
	Assignments and tutorial
2.	**Other parameters:**
	Ability to answer the questions in class
	General awareness
	Attentiveness

Based on above assessed parameters students are classified into groups:
   (i) Slow Learners
   (ii) Advanced Learners are those students who are ahead on the learning dimensions for the betterment in their life.

All the above details are provided by the concerned course handling faculty members.

3. INITIATIVES FOR ADVANCED AND SLOW LEARNERS

3.1 Advanced Learners:

The following Special activities are conducted for Advanced Learners:
- Bright and diligent students are motivated and inspired to get university ranks.
- Semester toppers and university rank holders are honoured with certificates and cash prizes.
- Encouraging to participate in various symposiums like quiz, poster presentation,
- Conferences, inter institution competition etc.
- Guiding the students for GATE/Competitive Examinations.
- Guiding and encouraging to publish/present research papers in conferences/Journals
- Training programs for gaining advanced technical knowledge.
- Guiding for career planning, Newgen IEDC Project and TNSCST Project competition.

3.2 Slow Learners:

The following activities are conducted for slow Learners:
- Remedial classes conducted for Slow Learners.
- Special Coaching class and Counseling is given to slow learners.
- Previous year Question papers and Question Banks for all subjects are circulated among slow learners.
- Students are given repeated practice on important questions.

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Circular
Department of Science and Humanities

07 /07 / 2021
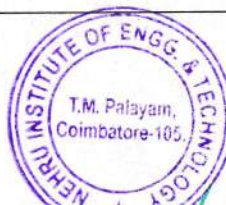
All the faculty members are asked to submit the list of slow learners those who failed (below 50) in internal tests to the concerned class advisors for the special coaching classes that are planned to conduct from 08/07/2021 to 14/07/2021

Class advisors are requested to submit the consolidated slow learners list based on the Previous University Exam results, Internal Assessment, Attendance, Assignments/quizzes.

On the day of coaching classes, the faculties should,

1. Coach the important questions to the students and should conduct the class test.

2. Provide the supplementary study Materials.

3. Pay individual attention to the slow learners.

4. The Attendance should be submitted to the HoD after the coaching class.

5. Create ability in the students to answer the questions in class.

6. To create general awareness in students about their improved performance in academics.

7. To Increase attentiveness in class.

07/07/2021

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Principal
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HoD

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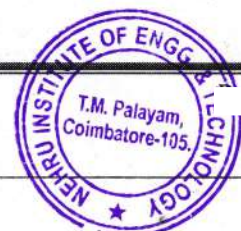NBA Accredited Department: AERONAUTICAL, CSE, MECHANICAL

Department of Science and Humanities
I Year /II Sem
Online - Remedial Classes Schedule (10:00 A.M to 4:00 P.M)
Computer Science and Business Systems

Day	Date	Subject Code & Name	Staff Sign
Monday	08/07/2021	HS8251 Technical English	
Tuesday	09/07/2021	MA8252 Linear Algebra	
Wednesday	10/07/2021	AD8251- Data Structures Design	
Thursday	12/07/2021	GE8291 Environmental Science and Engineering	
Friday	13/07/2021	BE8255 Basic Electrical, Electronics, and Measurements Engineering	
Saturday	14/07/2021	AD8252 Digital Principles and Computer Organization	

Class I/C

Dr. P. MANIIARASAN
Principal
07/07/2021
Nehru Institute of Engg. and Activities)
T.M.Palayam, Coimbatore - 641 10

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SLOW LEARNERS NAME LIST

Class/Sem   : I Year/ II SEM

Subject Name   : AD8251- Data Structures Design

Subject Handled Staff: Mr. M. Madan Mohan, Assistant Professor

Department   : Department of Computer Science and Engineering

S.NO	Register No	Name of the Student
1	721420244001	ADEPPAGARI PAVAN KALYAN
2	721420244002	ANILKUMAR.D
3	721420244003	ARJUN A
4	721420244010	GOVARTHAN G
5	721420244013	JAGAN A
6	721420244014	A. JAYAKANTHAN
7	721420244017	KARTHIKEYAN.R
8	721420244025	MOKANAPRIYA S
9	721420244028	PAPPURIVARDHANREDDY
10	721420244029	PARTHIBAN.P
11	721420244033	K SAKTHI ESWAR GURUMAARAN
12	721420244034	SAMALA GUNA SELHAR REDDY
13	721420244035	K. SARAVANAPRIYA
14	721420244040	VINCENTRAJ G

Subject Incharge

08/07/2024

Dr. P. MANHARASAN
Principal
Nehru Institute of Engg. & Technology
T.M.Palayam, Coimbatore - 641 10⁵

HoD

IDENTIFICATION OF SLOW LEARNERS:

The process of identifying slow and advanced learners is as shown in the table. All students of a particular batch are assessed on following parameters:

S.No.	Assessment Criteria	Weightage
1.	Problem Solving Skills:	80%
	Previous University Exam Score	
	Internal Assessment	
	Attendance	
	Assignments/quizzes	
2.	Other parameters:	20%
	Ability to answer the questions in class	
	General awareness	
	Attentiveness	

Fig : SAMPLE SUMMARY SHEET OF QUIZ CONDUCTED TO IDENTIFY SLOW LEARNERS.

SLOW LEARNERS' ATTENDANCE:

Attendance bot: dev(Pavan:p2pdops@gmail.com) on 2021-07-10 : 11:49: https://meet.google.com/pkz-jnos-xip

Members present : 14

Attendee	Score	10:08 AM	10:13 AM	10:27 AM	10:36 AM	10:52 AM	11:15 AM	11:48 AM
02 ANILKUMAR	6/7	✓	✓	✓	✓	✓	✓	X
03 ARJUN A	6/7	✓	✓	✓	✓	✓	✓	X
10 Govarthan G	6/7	✓	✓	✓	✓	✓	✓	X
13 Jagan A	7/7	✓	✓	✓	✓	✓	✓	✓
17Karthi Keyan	6/7	✓	✓	✓	✓	✓	✓	X
2020 NIET CS & BS Guna sekhar Reddy	6/7	✓	✓	✓	✓	✓	✓	X
2020 NIET CS&BS Sakthi Eswar Gurumaaran K	6/7	✓	✓	✓	✓	✓	✓	X
25 MOKANAPRIYA S	6/7	✓	✓	✓	✓	✓	✓	X
28 vardhanreddy P	6/7	✓	✓	✓	✓	✓	✓	X
29 Parthiban P	6/7	✓	✓	X	✓	✓	✓	✓
35 SARAVANAPRIYA K	6/7	✓	✓	✓	✓	✓	✓	X
40 VINCENTRAJ CSBS	6/7	✓	✓	✓	✓	✓	✓	X
NIET 2020 JAYAKANTHAN CS&BS	6/7	✓	✓	✓	✓	✓	✓	X
Pavan Kalyan	6/7	✓	✓	✓	✓	✓	✓	X
	Avg: 6.08/7							

Fig: REMEDIAL CLASS ATTENDANCE AD8251- DATA STRUCTURES DESIGN ON 10-07-2021
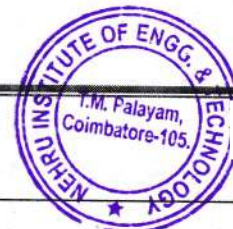
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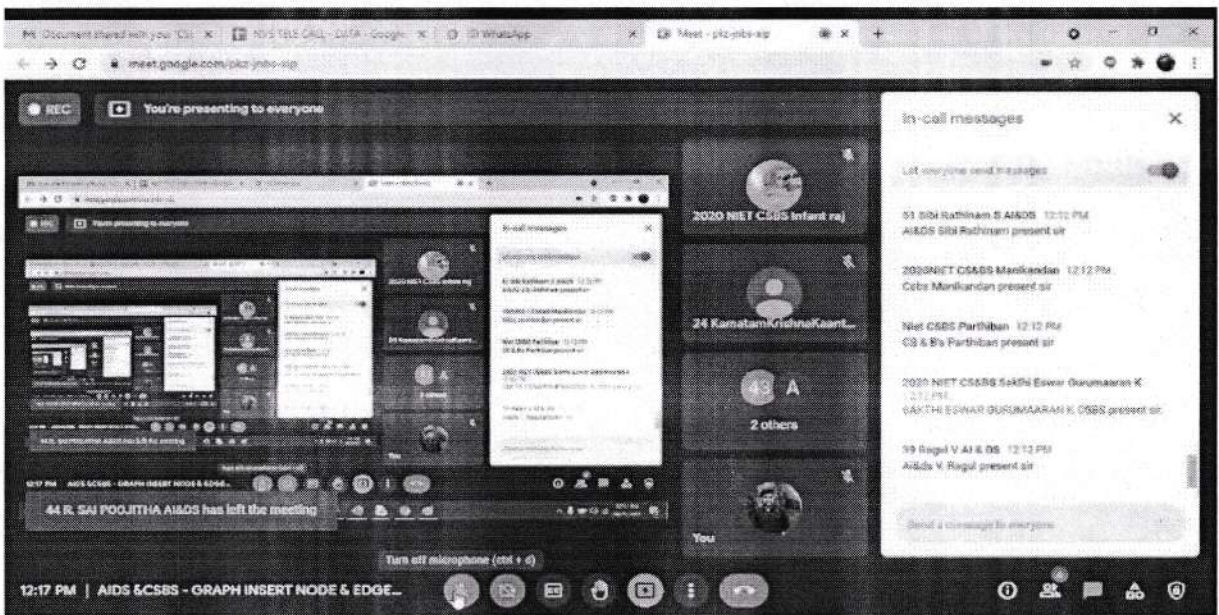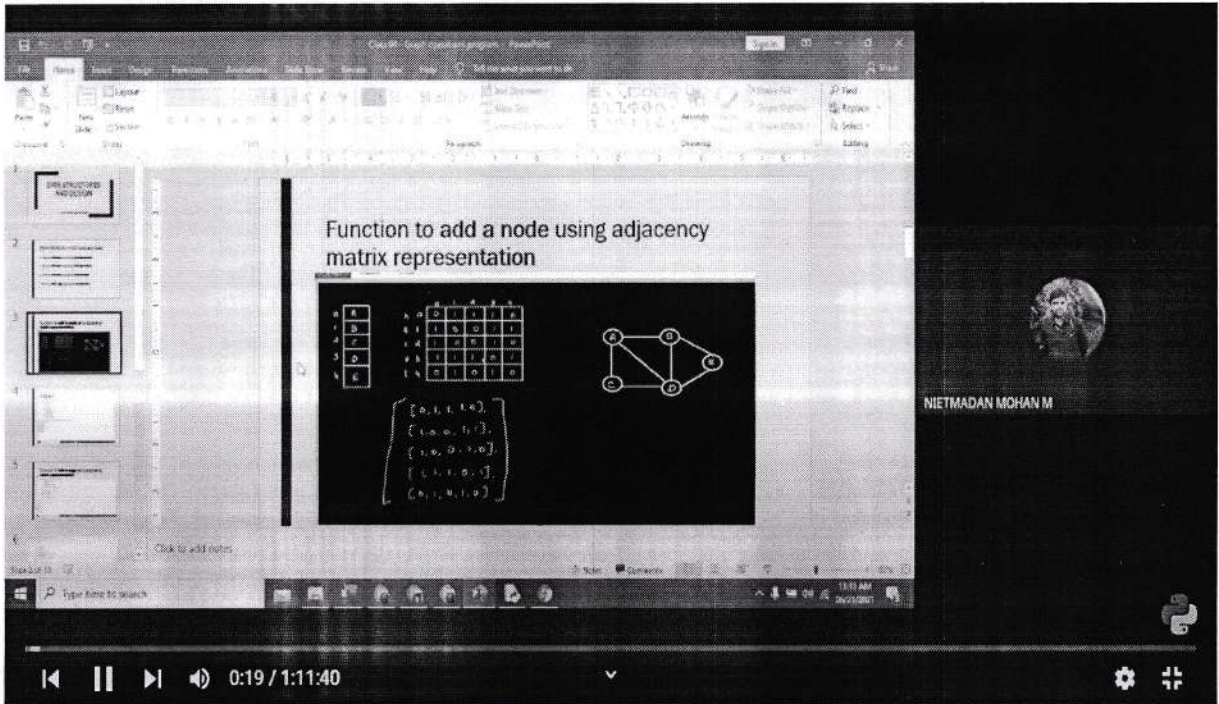
Fig: GLIMPSE OF THE ONLINE REMEDIAL CLASS AD8251- DATA STRUCTURES DESIGN ON 10-07-2021

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Slow Learner Report:

1. Conducted a coaching class after completion of the Internal III.

2. During coaching monitoring the students through the improvement.

3. Provided supplementary study materials and support system.

4. Paid individual attention through counselling based on the mentor report.

Impact Observed:

1. Weak Students performance was improved in the semester exam by

   clearing the papers.

2. The number of arrears of individual student is reduced

3. The students became eligible for the placement after clearing arrears.

Subject Incharge

P. M——
13/07/2024

Dr. P. MANUARASAN
Principal
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S. Sha— 13/7/21
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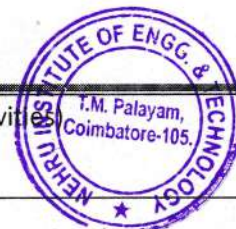NBA Accredited Department: AERONAUTICAL, CSE, MECHANICAL
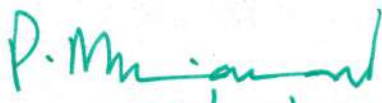
ADVANCE LEARNERS NAME LIST

Class/Sem   : I Year/ II SEM
Subject Name   : AD8251- Data Structures Design
Subject Handled Staff: Mr. M. Madan Mohan, Assistant Professor
Department   : Department of Computer Science and Engineering

S.NO	Register No	Name of the Student
1	721420244005	ATHIN K V
2	721420244015	KANCHANA C
3	721420244020	KIPSON DANI R R
4	721420244018	N. KAVIYA
5	721420244021	KOPPARAPU UMA SHANKAR
6	721420244022	MANIKANDAN M
7	721420244026	NUTHALAPATI VINITHA
8	721420244027	PADIGIPATI ALTHAF
9	721420244037	SYED SAMAAN S M

Subject Incharge

08/07/2024

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Process Manual for Slow and Advanced Learners (Identification and Activities)

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ADVANCE LEARNER'S REPORT

Action Taken:

1. Motivated the students to participate in various event and activities.

2. Given the complex problems and assignments to enable them to enhance their problem-solving abilities.

3. Motivate the students to take the seminar in the class to improve the delivery method.

4. Encouraged the students to obtain the university ranks.

5. Guided them to enroll in the online courses like NPTEL, SWAYAM.

Impact Observed:

1. Increases in number of students participation in various contests.

2. Students has applied for the online courses.

3. Students are motivated for taking the Seminar in the classes.

4. Increases in number of students went for the internship.

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SAMPLE CERTIFICATE

NPTEL	National Programme on Technology Enhanced Learning	
Hall Ticket For	Python for Data Science-Online	NPTEL
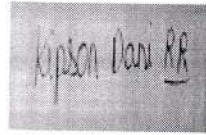
Candidate Name	Kipson Dani R R				
Roll No	NOC21CS78S23970174				
Date of Birth	16-05-2001				
PwD Status	No	Compensatory Time Required	No	Scribe Required	No
Exam Date	September 26, 2021				
Reporting Time	01:00 pm	Gate Closure		02.30 pm	
Exam Timing	02:00 pm	Shift		AN	
Test Centre Name	Rohini college of engineering and technology				
Test Centre Address	Near Anjugramam Junction, Kanyakumari Main Road, Palkulam, Variyoor P.O., Dist. Kanyakumari, Nagercoil, Tamil Nadu, India - 629401				

Kipson Dani RR

Fig: **HALL TICKET OF NPTEL EXAMINATION (PYTHON FOR DATA SCIENCE)**

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RAJ SQUARE
CHARITY FOUNDATION

CERTIFICATE OF COMPLETION

This is to certify

Manikandan M

for being a
Community Ambassador
with
RAJ SQUARE CHARITY FOUNDATION
from 19th JULY'21 - 28th JULY'21

ABARNA PRIYADARSHINI N
CSR MANAGER

Fig: INTERNSHIP CERTIFICATE OF STUDENT

INTERNAL SEMINAR HANDLE BY THE STUDENT