



DADI INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by A.I.C.T.E., New Delhi & Permanently Affiliated to JNTUK, Kakinada)

NAAC Accredited Institute

An ISO 9001:2008, 14001:2004 & OHSAS 18001:2007 Certified Institute

NH-16, Anakapalle, Visakhapatnam-531002, Andhra Pradesh

15-03-2021

Internal Quality Assurance Cell

Circular

IQAC is planning to conduct Academic Audit for the First Semester of the Academic Year 2020-2021 during Last week of March 2021 (22-03-21 to 27-03-21).

The following faculty members are appointed as academic auditors for the **First Semester of the Academic Year 2020-2021**.

S.No	Name of the Faculty Member	Designation	Department
1	Mr M Guptha	Assistant Professor	Civil Engg
2	Mr B Sudheer Kumar	Assistant Professor	Civil Engg
3	Mr P Lakshmi Narayana	Associate Professor	Civil Engg
4	Mrs P Amrutha	Assistant Professor	ECE
5	Mr KSNV Someswara Rao	Assistant Professor	ECE
6	Mr R Suneel Kumar	Assistant Professor	ECE
7	Mrs M Vijaya Bharati	Associate Professor	CSE
8	Mrs G Sujatha	Assistant Professor	CSE
9	Mrs T Sujatha	Assistant Professor	CSE
10	Mr G Jagadeesh	Assistant Professor	EEE
11	Mr T Ramesh Babu	Assistant Professor	EEE
12	Mrs B Aishwarya	Assistant Professor	EEE
13	Dr K Madhavi	Associate Professor	S&H
14	Dr V V S Rama Chandram	Associate Professor	S&H
15	Mr P Venkata Murali	Associate Professor	S&H

An awareness session will be conducted on academic audit procedure for all the academic auditors, IQAC Co-Ordinators and HODs on 15-03-21.

Chairperson IQAC

Copy to

Vice Principal Sir for information

ALL HODs, IQAC Co-Ordinators

ALL Academic Auditors

Convenors - Academics/R&D Cell/NBA/NAAC/Professional Societies

Training and Placement Officer/Dy TPO

Exam Cell In-Charge

Administrative Officer



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15-03-2021

Internal Quality Assurance Cell

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The following academic auditors are informed to conduct the Academic Audit of the respective departments in the fourth week of March 2021 (22-03-21 to 27-03-21). The Academic Audit should be conducted for the First Semester Theory and Laboratory courses, Seminar etc., of the Academic Year 2020-2021 as per the Audit Formats. All academic auditors have to submit their Confidential Report in a prescribed Format given by IQAC.

ALL the HODs and IQAC Co-Ordinators are informed to co-ordinate with the concerned academic auditors of their department.

Audit Schedule

S.No	Name of the Faculty Member	Designation	Department	Department which he/she is to Audit	Class
1	Mr M Gupta	Assistant Professor	Civil	ECE	IV B.Tech
2	Mr B Sudheer Kumar	Assistant Professor	Civil	CSE	IV B.Tech
3	Mr P Lakshmi Narayana	Associate Professor	Civil	EEE	IV B.Tech
4	Mrs P Amrutha	Assistant Professor	ECE	CSE	III B.Tech
5	Mr KSNV Someswara Rao	Assistant Professor	ECE	EEE	III B.Tech
6	Mr R Suneel Kumar	Assistant Professor	ECE	Civil	IV B.Tech
7	Mrs M Vijaya Bharati	Associate Professor	CSE	EEE	II B.Tech
8	Mrs G Sujatha	Assistant Professor	CSE	ECE	III B.Tech
9	Mrs T Sujatha	Assistant Professor	CSE	Civil	III B.Tech
10	Mr T Ramesh Babu	Assistant Professor	EEE	CSE A, CSE B, CSE C	I B.Tech
11	Mrs B Aishwarya	Assistant Professor	EEE	CSE AI, CSE DS, Civil	I B.Tech
12	Mr G Jagadeesh	Assistant Professor	EEE	ECE A, ECE B, EEE	I B.Tech
13	Dr K Madhavi	Associate Professor	S&H	ECE	II B.Tech
14	Dr V V S Rama Chandram	Professor	S&H	CSE	II B.Tech
15	Mr P Venkata Murali	Associate Professor	S&H	Civil	II B.Tech

Chairperson IQAC

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ALL Academic Auditors
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Training and Placement Officer
Exam Cell In-Charge, Administrative Officer



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06-09-2021

Internal Quality Assurance Cell

Circular

IQAC is planning to conduct Academic Audit for the Second Semester of the Academic Year 2020-2021 during September 2021.

The following faculty members are appointed as academic auditors for the **Second Semester of the Academic Year 2020-2021**.

S.No	Name of the Faculty Member	Designation	Department
1	Mr M Guptha	Assistant Professor	Civil Engg
2	Mr O Suresh Kumar	Assistant Professor	Civil Engg
3	Mr P Lakshmi Narayana	Associate Professor	Civil Engg
4	Mrs P Amrutha	Assistant Professor	ECE
5	Mr R Suneel Kumar	Assistant Professor	ECE
6	Ms Sk Shabeena	Assistant Professor	ECE
7	Mrs Venkata Kalyani	Associate Professor	CSE
8	Mrs K Vijaya Manasa	Assistant Professor	CSE
9	Mrs A Kamala Priya	Assistant Professor	CSE
10	Mrs Alfoni Jose	Assistant Professor	EEE
11	Ms P Jagruthi	Assistant Professor	EEE
12	Mr Ch Nookesh	Assistant Professor	EEE
13	Dr K Madhavi	Associate Professor	S&H
14	Dr V V S Rama Chandram	Professor	S&H
15	Mr Soma Sekhar	Associate Professor	S&H

An awareness session will be conducted on academic audit procedure for all the academic auditors, IQAC Co-Ordinators and HODs on 15-03-21.

Chairperson IQAC

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06-09-2021

Internal Quality Assurance Cell

Circular

The following academic auditors are informed to conduct the Academic Audit of the respective departments before 22-09-2021. The Academic Audit should be conducted for the Second Semester Theory and Laboratory courses, Seminar etc., of the Academic Year 2020-2021 as per the Audit Formats. All academic auditors have to submit their Confidential Report in a prescribed Format given by IQAC.

ALL the HODs and IQAC Co-Ordinators are informed to co-ordinate with the concerned academic auditors of their department.

Audit Schedule

S.No	Name of the Faculty Member	Designation	Department	Department which he/she is to Audit	Class
1	Mr M Guptha	Assistant Professor	Civil Engg	ECE	IV B.Tech
2	Mr O Suresh Kumar	Assistant Professor	Civil Engg	ECE	II B.Tech
3	Mr P Lakshmi Narayana	Associate Professor	Civil Engg	EEE	IV B.Tech
4	Mrs Kasuar Jahan	Assistant Professor	ECE	CSE	III B.Tech
5	Mr R Suneel Kumar	Assistant Professor	ECE	EEE	III B.Tech
6	Ms Sk Shabeena	Assistant Professor	ECE	Civil	IV B.Tech
7	Mrs Venkata Kalyani	Associate Professor	CSE	EEE	II B.Tech
8	Mrs K Vijaya Manasa	Assistant Professor	CSE	ECE	III B.Tech
9	Mrs A Kamala Priya	Assistant Professor	CSE	Civil	III B.Tech
10	Mrs Alfoni Jose	Assistant Professor	EEE	CSE A, CSE B, CSE C	I B.Tech
11	Ms P Jagruthi	Assistant Professor	EEE	ECE A, ECE B, EEE	I B.Tech
12	Mr Ch Nookesh	Assistant Professor	EEE	CSE AI, CSE DS, Civil	I B.Tech
13	Dr K Madhavi	Associate Professor	S&H	CSE	IV B.Tech
14	Dr V V S Rama Chandram	Professor	S&H	CSE	II B.Tech
15	Mr Soma Sekhar	Associate Professor	S&H	Civil	II B.Tech

Chairperson IQAC

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ALL HODs, IQAC Co-Ordinators

ALL Academic Auditors

Convenors - Academics/R&D Cell/NBA/NAAC

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Analysis of Internal Marks and Action Taken Report (Mid 2)

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : Random Variables and stochastic Processes
COURSE INSTRUCTOR : Dr J BABU
Date of Mid Exam : 04-03-2021

S.No.	% of Internal Marks	Regd. Nos of Students	No. of Students	Suggestions and Action Taken
1	>= 75%	19U41A0417 19U41A0421 19U41A0426 19U41A0437 20U45A0412 20U45A0414 20U45A0417 20U45A0421 19U41A0408 19U41A0415 19U41A0425 19U41A0428 19U41A0434 20U45A0402 20U45A0403 20U45A0410 20U45A0413 20U45A0424 19U41A0414 19U41A0430 20U45A0406 20U45A0407	22	Students are suggested to solve more number of Problems from each unit.
2	>=50% and < 75%	19U41A0404 19U41A0433 20U45A0401 20U45A0409 20U45A0415 20U45A0422 20U45A0425 19U41A0403 19U41A0413 19U41A0419 19U41A0420 19U41A0427 20U45A0418 20U45A0423 19U41A0401 19U41A0402 19U41A0412 19U41A0422 19U41A0423 19U41A0429 19U41A0432 19U41A0435 20U45A0404 20U45A0405 20U45A0411 20U45A0416 20U45A0419 20U45A0420 20U45A0428	29	Students are suggested to Practice all the topics of each unit and solve more number of Problems from each unit.
3	< 50%	19U41A0405 19U41A0407 19U41A0416 19U41A0418 19U41A0411 19U41A0406 19U41A0410 19U41A0424 19U41A0438 20U45A0426 20U45A0429 19U41A0409 19U41A0431 19U41A0436 20U45A0408 20U45A0427	16	Mid Question Paper has been given as a Special Assignment. Students have written the Assignment.

Any Other Remarks :

A special class has been conducted on 10-03-2021 to all the students who have got Less Marks as well as students having doubts. Significant concepts were reviewed and prominent questions that were important are discussed.

Course Instructor



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Analysis of Internal Marks and Action Taken Report (Mid 1)

PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : Random Variables and stochastic Processes
COURSE INSTRUCTOR : Dr J BABU
Date of Mid Exam : 30-01-2021

S.No.	% of Internal Marks	Regd. Nos of Students	No. of Students	Suggestions and Action Taken
1	>= 75%	19U41A0405 19U41A0408 19U41A0412 19U41A0414 19U41A0415 19U41A0419 19U41A0420 19U41A0425 19U41A0426 19U41A0428 19U41A0430 19U41A0434 20U45A0401 20U45A0402 20U45A0406 20U45A0407 20U45A0409 20U45A0413 20U45A0414 20U45A0416 20U45A0424	21	Students are suggested to solve more number of Problems from each unit.
2	>=50% and < 75%	19U41A0401 19U41A0403 19U41A0406 19U41A0409 19U41A0413 19U41A0417 19U41A0422 19U41A0423 19U41A0429 19U41A0432 19U41A0435 19U41A0437 20U45A0403 20U45A0405 20U45A0408 20U45A0410 20U45A0415 20U45A0417 20U45A0418 20U45A0419 20U45A0420 20U45A0421 20U45A0426 20U45A0427 20U45A0428	25	Students are suggested to Practice all the topics of each unit and solve more number of Problems from each unit.
3	< 50%	19U41A0402 19U41A0404 19U41A0407 19U41A0410 19U41A0411 19U41A0416 19U41A0418 19U41A0421 19U41A0424 19U41A0427 19U41A0431 19U41A0433 19U41A0436 19U41A0438 20U45A0404 20U45A0411 20U45A0412 20U45A0422 20U45A0423 20U45A0425 20U45A0429	21	Mid Question Paper has been given as a Special Assignment. Students have written the Assignment. Planning to conduct Remedial Classes for the students who have got Less than 50% Marks

Any Other Remarks : The students were counseled personally and told to study the concepts well, as they need to get minimum of 7 marks in the mid examination.

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PROGRAM : B.Tech
CLASS : II B.Tech I-Sem., ECE
ACADEMIC YEAR : 2020-2021
COURSE NAME & CODE : Random Variables and stochastic Processes
COURSE INSTRUCTOR : Dr J BABU
Date of Remedial Class : 10-03-2021

Topics Covered: Solutions of the Problems given in Previous JNTU Kakinada were discussed.

1. A random process is described by $X(t) = A + B \cos(\omega t + \theta)$ where A is a random variable that is uniformly distributed between -3 and $+3$, B is a random variable with zero-mean and variance of 4 , ω is a constant, and θ is a random variable that is uniformly distributed from $-\pi/2$ to $+3\pi/2$. A , B and θ statistically independent. Calculate the variance of this process.

2. Consider random variables Y_1 and Y_2 related to arbitrary random variables X and Y by the Co-ordinate rotation

$$Y_1 = X \cos\theta + Y \sin\theta$$

$$Y_2 = -X \sin\theta + Y \cos\theta$$

a) Find the covariance of Y_1 and Y_2

b) For what value of θ , the random variables Y_1 and Y_2 are uncorrelated.

3. The probability density function of a random variable is given by

$$f(x) = 0.5\delta(x+1) + 0.5\delta(x-1)$$

a) Is $f(x)$ is a valid PDF ? b) Find $F(x)$

The following students have attended the Remedial Class.

S.No	Student Roll Number	Student Signature
1	19U41A0410	
2	19U41A0419	
3	19U41A0421	
4	19U41A0426	
5	19U41A0428	
6	19U41A0429	
7	19U41A0430	
8	19U41A0433	
9	20U45A0416	
10	20U45A0421	
11	20U45A0424	

Course Instructor



19-410 KARRI HANURAT...



19-419 P.Harini ,ECE



19-421,P.MOHANA SRIJA...



19-426, P. SAI KUMAR ,ECE



19-428, ULLI KOMALI ,ECE



19-429 ;VILLURI SRAVYA ...



19-430 VOODA MEGHA...



19-433 KARRI NEERAJ S...



20-421 USHODAYA , ECE



20-424 Srilekha , ECE



RAJANA NANDHINI , ECE