CRITERIA - 7: INSTITUTIONAL VALUES AND BEST PRACTICES

7.3 Institutional Distinctiveness

The Institute aims to represent this via excremental and reject- based studying in teaching gaining knowledge of manner together with study Institute – Industry interaction and research possibilities.

Our Institutes follows a few practices which are precise which separates us from different institutes like:

- 1. Faculty available in the department for solving the queries before the exam
- 2. Staff presentation for review
- 3. Google Classroom implementation
- 4. University Question Papers available
- 5. International Collaboration and MOU
- 6. One Publication per Faculty

The Institute conducts training for college students performing for GATE examination a good way to pursue the higher education.

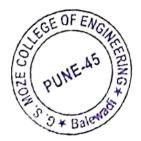
The Institute arranged seminars to inspire the scholars for MPSC and UPSC aggressive examinations.

Industrial visits are organized for college students for his or her exposure to industry and baye interactions with industry specialists.

Startup/ incubation center is setup in Institute to promote and enhance entrepreneurship ability among students. Institute has signed MOUs with one-of-a-Kind industries and institutes for improving technical talent. Institute has setup research and improvement cell to inspire students for providing the papers at numerous technical conferences and Institute is supplying platform to faculties for guides on unique subjects.

Guest lectures are arranged for college students to impart one of a kind subject understanding, understand modernday tendencies in technologies and clean doubts related to distinctive publications.

College students are encouraged to soak up internships during their semester holidays. The references are given for numerous corporations. The faculty of the institute continues robust commercial links.



CRITERIA - 7: INSTITUTIONAL VALUES AND BEST PRACTICES

7. 3 Institutional Distinctiveness

1. Faculty available in department for Solving the queries before the exam Objective

- To encourage the students to clear up their questions in respective topics.
- Rendering awareness at the wishes of a scholar.
- Obtaining the right understanding of essential topics of subject.
- Assist the scholars to develop a passion to win and a global mindset
- Motivate the students to achieve the goal, develop trouble-fixing skills.

The Context:

- Providing right direction, students are able to solve the queries of college paper. Through those classes, the scholars might be able to expand certain hasslefixing skills which to an extent assist them address specific problem.
- All of the documents of this pastime must be maintained in the university with data shared and information of college timetableand students' attendance.

The practice:

• The time table is ready and given to the college members to prepare and gift the received information to the audience (students) in session with the heads of the departments of the departments.

Genba Sopanrao Moze College of Engg. 25/1/3, Balewadi, PUNE-411 045

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Proof of fulfillment:

- Outcome of these practices permits the college participants to encourage the college students to advance in getting to know the core curriculum and elaborated upon it. The findings suggest that visualizing knowledge construction in a shared mind map supports students to learn a core curriculum and to refine their knowledge structures.
- It will have greater self-assurance in their knowledge of the concern be counted.
- It will demonstrate the capacity to remedy issues that arise within the field.

Difficult troubles:

- Assets are the principle demanding situations for participation within the opposition.
- Without management's involvement and guide, the first-rate practices can't be applied.
- Students, who is the target audience of the Institute require mindset and willingness on the part of the facilitator, for achievement of such practices.
- For success of such practices degree of motivation required, within the minds of the scholars.

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SCHEDULE OF ALL BRANCES FOR REVISION OF EXAM

Sr. no.	Name of Faculty	Name of Module	Date	Tir	Time	
-	Prof.S.Gaikwad	Object oriented programming	11/10/2020	10:00 AM	11am	IT
	Prof Ketaki Katre	Database management sys	11/10/2020		3:00 PM	IT
3	Prof. Sana Shaikh	Computer org & architecture	11/10/2020	2pm	3:00 PM	IT
4	Prof. Shetal Mahale	Discrete maths	11/10/2020	10:00 AM	11am	IT
5	Prof.S.Gaikwad	Fund of data structure	11/11/2020	10:00 AM	11am	IT
6	Prof. Kaveri Kari	Human computer interface	11/11/2020	2pm	3:00 PM	IT
7	Prof. Shetal Mahale	Software engg prg mng	11/11/2020	10:00 AM	11am	IT
8	Prof. Akshada Dighe	Theory of computation	11/12/2020	2pm	3:00 PM	IT
9	Prof. Kaveri Kari	Machine learning	11/12/2020	2pm	3:00 PM	IT
10	Prof Ketaki Katre	Software design modeling	11/12/2020	10:00 AM	11am	IT
11	Prof. Akshada Dighe	Software testing quality assurance	11/5/2020	10:00 AM	11am	IT
12	Prof. Sana Shaikh	Business intelligence	11/5/2020	2pm	3:00 PM	IT
13	Prof. Bharti Kudale	Infrmation & cyber security	11/5/2020	10:00 AM	11am	Computer
14	Prof. Pallavi Patil	Pervassisve computing	11/6/2020	10:00 AM	11am	Computer
15	Prof. Sneha Farkade	Object oriented programming	9/11/2020	10:00 AM	11am	Computer
16	Prof. Archana Burujwale	ElectiveIII -Embedded and RTOS	11/11/2020	10:00 AM	11am	Computer
17	Prof. Archana Burujwale	Principles of programming Language	8/5/2020	10:00 AM	11am	Computer
18	Prof. Jayshree Kawale	Computer graphics	9/5/2020	2pm	3:00 PM	E&TC
19	Prof. Harshalata Mahajan	Signals and system	11/5/2020	2pm	3:00 PM	E&TC
20	Prof. Shushma Patwardhan	Electronic devices and circuit	23/11/2020	2pm	3:00 PM	E&TC
21	Prof. Shilpa Bhoyar	Electrical circuits and machince	26/11/2020	2pm	3:00 PM	E&TC
22	Prof. Awanti Borawake	Data structures and algorithm	28/11/2020	2pm	3:00 PM	E&TC
23	Prof. Komal	Digital Elctronics	30/11/2020	2pm	3:00 PM	E&TC
24	Prof. Harshalata Mahajan	Digital Communication	3/12/2020	2pm	3:00 PM	E&TC
25	Prof. Kawale Jayashri.N	Digital signal processing	25/11/2020	2pm	3:00 PM	E&TC
26	Prof. Komal Wanzare	Electromagnetics	27/11/2020	2pm	3:00 PM	E&TC
27	Prof. Sukruti Tori	Microcontrollers	29/11/2020	2pm	3:00 PM	E&TC
28	Prof. Sukruti Tori	Mechatronics	2/12/2020	2pm	3:00 PM	E&TC
29	Prof. Sushma Patwardhan	VLSI design & Technology	5/12/2020	2pm	3:00 PM	E&TC
30	Prof. Komal Wanzare	Computer Network & Security	21/11/2020	2pm	3:00 PM	E&TC
31	Prof. Dhananjay A.S	Engineering Mechanics	25/11/2020	10:00 AM	11am	FE
32	Prof. Prathamesh S. Gorane	Basic electrical engg	27/11/2020	10:00 AM	11am	FE
33	Prof. Prathamesh S. Gorane	Engineering grapics	29/11/2020	10:00 AM	11am	FE
34	Prof. Archana Yadav	system in mechanics engineering	2/12/2020	10:00 AM	11am	FE
35	Prof. Dhananjay A.S	Basic electronics	26/10/2020	10:00 AM	11am	FE
36	Prof. Archana Yadav	Mathematics	12/11/2020	10:00 AM	10:00 AM	FE
37	Prof.Roundal Vijay B.	Design of machine elements-I	26/10/2020	10:00 AM	10:00 AM	Mechanical
38	Prof. Vaibhav C. Rahinj	Manufacturing process 1	11/11/2020	10:00 AM	10:00 AM	Mechanical
39	Prof. Sachin Yadav	Strength of material	9/11/2020	10:00 AM	10:00 AM	Mechanical
	Prof. Shilpa Mahajan	Infra & Const engg	11/11/2020	10:00 AM	10:00 AM	Civil
41	Prof. Shalakha	Advan Concrete tech	13/11/2020	10:00 AM	10:00 AM	Civil
42	Prof. Poonam	Total Qaulitymg&miss	11/10/2020	10:00 AM	10:00 AM	Civil



CRITERIA - 7: INSTITUTIONAL VALUES AND BEST PRACTICES

7. 3 Institutional Distinctiveness

2. Faculty Presentations on the preparation and conduction of the course

Objective:

- Develop boundary-crossing skills, such as inter-disciplinary thinking, synthesizing knowledge of different disciplines and to cope with complexity
- Ensure the knowledge sharing among the faculty members of various disciplines
- Make them understand the unknown from known concepts.
- Foster in-depth learning of the concepts and understanding of varied topics.
- Promote and enhance the inter-disciplinary learning by the faculty members as well as the students through inter-department lectures

The Context:

- This event is to provide an opportunity for the faculty members of all departments to share their knowledge with the peer group members.
- The schedule is prepared in advance for the faculty members to share the knowledge on inter-disciplinary fields and the faculty members participate in this programmed.
- A record of this activity is maintained in the college with information shared and details of faculty attended.



The Practice:

• The schedule is prepared and given to the faculty members to prepare and present the acquired information to the target audience (students) in consultation with the heads of the departments concerned.

• A record of the programmed is maintained.

Evidence of Success:

• Outcome of this practice enables the faculty members to find out shortcomings in their delivery, notes, and expectations etc. They can rectify those before actually delivering the lecture.

Challenging Issues:

Resources are the main challenges for participation in the competition.

- Management support: Without Management's involvement and support, the best practices cannot be implemented.
- For success of such practices require attitude and willingness on the part of the facilitator without which it is difficult to motivate students which is the target audience of the Institute.
- Degree of motivation required in the minds of the students can result in success of such practices





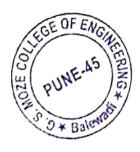














GENBA SOPANRAO MOZE COLLEGE OF ENGINEERING

Department: Information Technology Subject representation report

r. no.	Name of Faculty	Subject	Date	Sign					Date	Sign	Date	Nen.	Date Sign
2/1	Poof Alestade Digte	MLA	7/7/20	ADIA	13/7/20	Myhe	25/7/20	429-	1/8/20	ADIge	9/8/20	Allyho	16 8 20 ADE
	insweti aikas		4/7/20	BU	16/7/20	BN	25/7/10	101	1/2/20	BA	9/8/10	132	10/8/20 10
300	S Keveri Keri	BCN	5/7/20	and	13/7/20	20	23/1/20	100	2/8/21	o VI	A 9/8/20	1 600	16/3/20
4/2	F. Ketaki Kebe	DM	8/7/20	kakeke	13/7/10	vokake	25/7/20	veteti	2/8/24	re Ent	ce 9/8/20	Mitale	e 16/1/20 Ht
	F. Erna shaikh	COLDI	6/07/200	100	73/7/10	Mar.	25/7/20	1900	18/8/2	0 39	9/3/1	0 30	168 20
	ish ectal Mahalla	05	4/07/20	mobale	13/7/20	Malde	25/7/20	proh	1/8/2	o good	aly 9/8/2	to buch	ALE 16/8/20/
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7. 3 Institutional Distinctiveness

3. Google Classroom implementation

Objective:

- Google Classroom is a free internet service that aims to make creating, sharing and grading assignments in a paperless manner as simple as possible.
- The primary goal of Google Classroom is to make document sharing between teachers and students more efficient.

The Context:

- Google Classroom can assist with a variety of grading schemes.
- Teachers have the option of attaching documents to the project that students can see, edit, or obtain a personal copy of.
- If the instructor did not generate a duplicate of a document, students can create their own and attach them to the project.
- Teachers have the option of displaying each student's progress at the project, where they can provide comments and amend.
- Turned-in assignments may be graded by the instructor and then returned with comments to allow the student to rework the project and resubmit it.
- Assignments can be modified by the trainer until the trainer turns the project in again after whas been graded.

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• The Google Classroom mobile apps, which were released in January 2015, are available for iOS and Android smart phones. Customers may snap photos and attach them to their assignments, share documents from other applications, and use the apps offline.

The Practice:

- Assignments are stored and graded in Google's Productivity App Suite, which enables teacher-student or student-student collaboration.
- Files hosted by the teacher on the student's drive and students submit and grade these assignments.
- The teacher can choose a file that can be treated as a template. This allows each student to edit their copy and then undo it for scoring, rather than allowing all students to view, copy, or edit the same document.
- Students can also attach additional documents to the assignment from the drive.

Evidence of Success:

- The Google have a look at room helped all university college students while in-Sem exam and give up Semester checks for reference of syllabus, topics cover, likely questions within side the precept exam, previous year's question papers etc.
- Google Classroom is available cell apps, therefore university college students can get proper of access to it from their home and nearby place as well



• Grading of the assignments is straightforward for faculties and the quit end result is disclosed without delay which helps university college students with their progress.

Challenging Issues:

- Resources are the number one challenges
- Differing device capability and instruction
- Lack of precise sufficient ICT Support, infrastructure, time.
- Internet connectivity



Evidence of Google Classroom activities followed by all faculty members:

SR.NO NAME OF TEACHER		NAME OF MODULE	PLATFORM	DATE	MODULE CODE	
1	Prof.Aparna Patil	Theory of computation	Google Classroom	1/8/2020	obo6mef	
2	Prof.Aparna Patil	Data Structure	Google Classroom	10/8/2020	hlkitm6	
3	Prof.Aparna Patil	Object Oriented Programming	Google Classroom	10/4/2020	hlkitm6	
5	Prof.Aparna Patil	Embedded system and Internet of the	Google Classroom	10/4/2020	овобтеб	
6	Prof. Santosh R Sandanshi	Engineering Materials and Metallurg	Google Classroom	10/8/2020	oqwhkaf	
8	Prof. Santosh R Sandanshi	Design of Machine Elements - II	Google Classroom	12/8/2020	edrjwko	
9	Prof. Harshalata Mahajan	Computer Network & Security	Google Classroom	10/8/2020	sh4bu36	
10	Prof. Harshalata Mahajan	Control System	Google Classroom	12/1/2021	msównra	
11	Prof. Harshalata Mahajan	Wireless Sensor N/W	Google Classroom	12/10/2021	-	
13	Prof. Pallavi Patil	Object Oriented Programming	Google Classroom	12/110/2020	obo6mef	
17	Prof. Pallavi Patil	Computer Graphics	Google Classroom	12/10/2020	obo6mef	
19	Prof. Pallavi Patil	Software Engineering	Google Classroom	12/10/2020	texjaht	
21	Prof. Pallavi Patil	Software Modeling & Design	Google Classroom	8/8/2020	tcxjaht	
24	Prof.Shilpa Mahajan	IECT	Google Classroom	10/8/2020	b5zdof4	
25	Prof.Shilpa Mahajan	MOS	Google Classroom	10/8/2020	ewejy5f	
26	Prof.Komal Wanzare	DIVP	Google Classroom	21/11/2020	ej6hdse	
28	Prof.komal Wanzare	Electronic circuits	Google Classroom	2/11/2020	cvzhc7p	
29	Prof.komal Wanzare	BCS	Google Classroom	10/5/2021	ldudrgh	
30	Prof.komal Wanzare	SS	Google Classroom	5/5/2021	utxa3es	
31	Dr. V.B. Roundal	Design of Machine Elements	Google Classroom	10/8/2020	gci45pg	
32	Dr. V.B. Roundal	Product Design and Development	Google Classroom	21/11/2020	cad5zst	



CRITERIA - 7: INSTITUTIONAL VALUES AND BEST PRACTICES

7. 3 Institutional Distinctiveness

4. University Question Papers available in Library

Goal:

- solution is supplied to get the way to pupil to efficiently put together for university exam.
- Additionally assist students to score in a particular concern.
- Clean to recognize the stairs to solve extra complex problems in simplest manner.

The Context:

- This activity of supplying strategy to the college question paper, pupil has capable of clearly apprehend with the ideas of unique subjects.
- •This additionally allows to increase the expertise of subject through clean knowledge of that solved query.
- File of college attendance is to be maintained in university along with shared records.

The practice:

- In the library, prepared question paper answer set is maintained.
- A report of the programmed is maintained.

Proof of success:

• final results of these practices to inspire the scholars to question paper solution.

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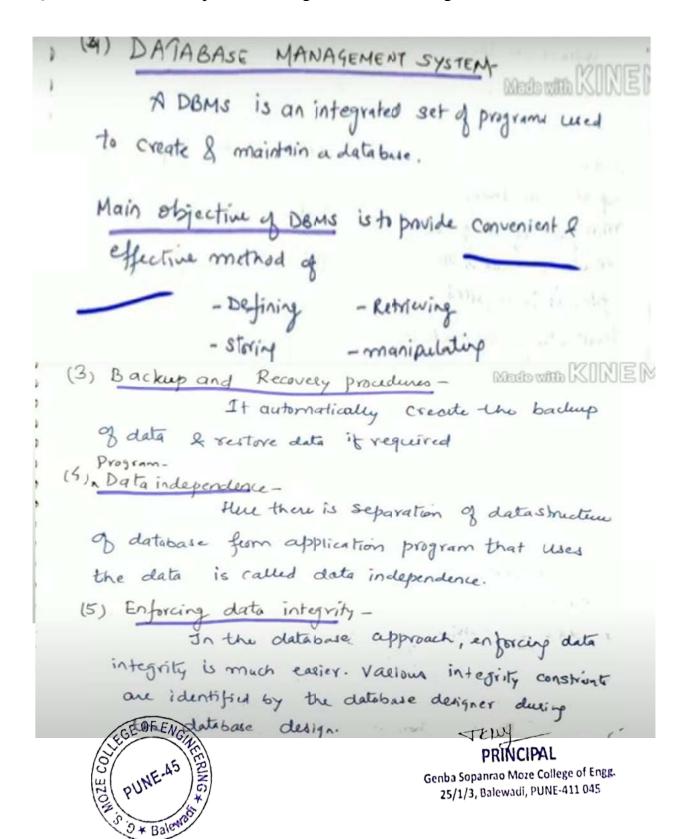
Difficult issues:

- Assets are the primary demanding situations for participation in the competition.
- College students, who is the target market of the Institute require attitude and willingness on the part of the facilitator, for success of such practices.
- For success of such practices diploma of motivation required, inside the minds of the scholars.



Sample Solution:

Q. What is DBMS? Explain advantages and disadvantages of DBMS.



Advantages & Disadvantages of DBMS

ADVANTAGES OF DBMS

(1) Controlling Data Redundancy-Data is recorded in only one place in the database & it is not duplicated. It saves the

(2) Data Consistency-Data item appears only once (no redundancy So the up dated value is immediately available to all users.

Medawith KUULEN

(1) Data Sharing -The data stored in the database can be Shared among multiple wers or application programs.

(7) Ease of application development-The application programmer develops the application programs according to the needs of The

users.

Other tasks are hardled by DBMs like concurrent access, security, data integrity etc.

This makes application development an easier task.



The DBMs ensures that the only means of access to the database is through an authorized channel. To ensure security, DBMs provides security, looks such as were codes & presswork.

(9) Supports multiple views of the data A database can be accessed by many wers of each user have a different view of the data.

A database provides a facility to define different views of the data for different wers.

(10) Data Atomicity—It is the olding of DBMs to store a complete transaction in database. It any transaction is partially completed then it vollbacks them



(11) Concurrency control - If the Users are accessing data simultaneously & they both want to update values of same record then it may create in consistency.

DBMs has the power to control concurrency so that no transactions are lost.

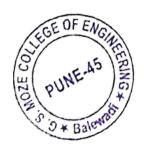
DISADVATAGES OF DEMI

(1) Cost of Hardware & Software.

Installing a new database system may require investment in hardware & software.

Processor with high speed of data processing & memory of large size is required.

DBMS is quite expensive, therefore a company meets
to consider the derhead cost of implementing a
new database system.



Nhen an organization plans to adopt a database

System, "It may need to recruit or hire a specialized data administration groups which can coordinate with defferent were groups. Hiring such proffessimals is expensionally as the system failure.

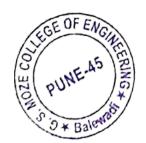
Also lot of training of staff is required to run DBMs.

(3) System failure.

When a compute system containing the database fails, all worrs have to wait until The system is functional again.

A parmanent damage may also occur to the database, if DBMs or the application program fails.

15, Explicit backup & Recovery-To make Shared detabase accurate & available at all times, a system using on-line updating requires explicit backup & recovery procedures.



Digital communication

Q1. With the help of detail diagram explain function of each block of Digital communication system. – Oct.2017,Dec 2016,15,13

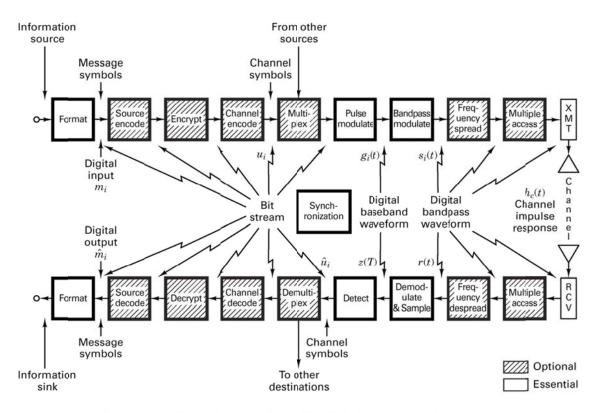


Figure 1.2 Block diagram of a typical digital communication system.



	0.103
	B. Skild? Rauly Camlin Page
book	Date / /
1	Transformation Classified into the
	following nine groups:
	I The day of a sold word must
2	Formatting and Source Coding Basebant Signaling Bandpass Signaling Equalization
3.	Basebant Signating
1,	Dana pass signating
6.	Clarence Called
6.	Channel Coding!
7.00	Multiplexing and multiple access
8.	Encryption.
	Synchronization.
	to deliver the site of the sit
Pul	somewhat I my 2 to 1d Assertant in Hotel to
1. 15	Formatting and Source Coding are similar
100	processes, in that they both in voire
670	data digitization
10	Formation - The information appeared
	Formating - The information generated by source needs to be converted into
20	binary format . The formation block Convert
7.2	binary format. The formating block Convert the Source message into bits which are
	grouped to form a message Symbol (mi)
188	e-g. Audio signal is converted into the
	bits using Pulse code modulation (PCM)
25	1 112 - vtf. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Source Coding - Source Coding is used at the receiver to decompress this message. Baseband Signaling - Baseband Sympling - Baseband Sympling block
	the received to decompress this message
	of it; have it from it work from I grand it
21	Baseband Signaline Today
30	Baseband Signaling block
	meading of PCM waveforms or line codes. M-ary parse mode also in that
	Magazin man wales in that
1	The property of the same



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Camiln Age Bandpass Signating pathoned and pontoheren Coherent typically accomplished references us Phase Coherent not used process is noncoherent. digital Comme. reduce fortersymbol Simple Or a Complex charithm Channel Coding to enhance imparments and jaming Goding is partitioned wavefrom Coding > so Sequences Coding Involv yielding & detection performance aver GE OF ENGIN PRINCIPAL Genba Sopanrao Moze College of Engg.

	Camlin Fage Date / /
	Original waveforms to the total
	Structured Seguences involve the use of
	redundant bits to determine whether or
-	not an error has occured due to poise
5	on the Channel.
	one of these tellnique known as automatic repeat request (AR.Q).
100	automatic repeat request (AR.Q)
io A.	ACCURATE AND THE PARTY OF THE P
100	Multiplearing and Multiple Access -
10	matrice and an entry has the two
	terms mean very Similar Shings Bota
780	involve the idea of resource Sharing.
5,875	he main difference but the two is that
111	multiplexing takes place locally (e.g. on a
15	printed Circuit board, within an assembly
	or even within a facility). And
80	multiple access takes place remotely (e.g.
102 P	multiple users need to share the use of
1	Satallite hanspondes).
20	Multigleaing involves an algorithm that is
	Known as priori; usually, it is hardwired
	intende > System of matter transfer
high	Multiple access Techniques - Fregt division, Code
1904	Division & time division.
25	Conty complete transformer not be
	Spreading - Transformation originally developed
30	Construction originally developed
	To multary commo called spreading.
	The Spreading is a (complished by means of a Spreading Signal, often collect
30	a Cala Simula Maria in land of
	a Code Signal, which is independent of
	the data. The Spread Spectrum technique that
100	
But in	CE OF ENO

PRINCIPAL

Draw and Explain the complete block diagram of PCM Transmitter and receiver

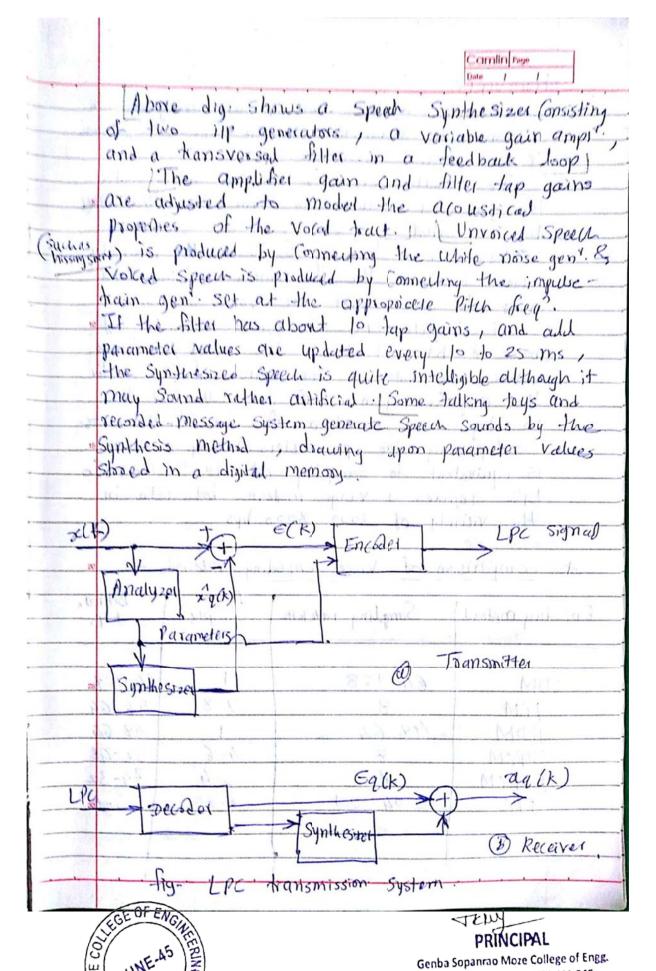
	Carnlin Page Date 1 1
	Block diagram of PCIB Receiver -
	Derder Sexplander Laper
5	3 to opp.
j	Antenna - It Collects all the Signals and Converts it into electrical Signal.
10	
THE W	Decader - 5ths function exactly complements with respect to encoder. That is conversion
1/4	of the binary signal into decimal ordered digital into it's equivalent analog signal.
Ü	Expander - The OIP from decodes is given the expander Ckt.
20	Here the Speech Signal is darge, which then requires a darge number of quantizing level. Therefore amplitude compressor CKL. are
	employed in the transmitted to reduce large
25	number of quantizing devels for a accuracy
400 115	transmitted & Simutaneously the expander
	CKY. is used at the receiver.
30	Compressed signal pack to its original
	Signal Signal
	and while one work go and whenter .



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	Carnlin Page Date / /
ŢŃ:	L.P. F - Higher fregt Component present
-	in the old are attenuated by a IPF. & we get the actual Signal at
<u></u>	the old of it.
	Speech Synthesis using LPC.Aug 2017, May 2011,06
0004	A B Cardson & A.
A	LPC Speech Synthesis linear predictive Coding (LPC) is a new and radically different approach to digital representation of analog synols:
	no dect
20	generator Synthesized speak
lowly	Impulse Transversal Siter
25	Pitch frey" Voiced Amplifies Tap gains
	The steel
-	fig Speech synthesizer -My rol.
30	mg wytetor symmestre -
	$\frac{1}{2} = \frac{1}{2} = \frac{1}$





Compare PCM DPCM Delta modulation on the basis of sampling frequency ,bit rate and bandwidth requirement $Dec\ 2013$

100	-1	peth. PCM .: Des	DM mill	MCA	DPCM.
51-No	Parameter	PCM.	stor wish		
1	No. of Bits	It Can Use 418 ox 16 bits per sample	one by for one Stagle	to encode one Sample.	Bits (an be more than I but are dess than PCM.
Dogue	Levels, Stepsize	the no. of devels depends on no. of bits. Level size is fixed.	Step Sze is fixed & control be varied	According to the Signal Vacation, Step Size Varies	Fixed no of devels
	Quantization errors & distrition	1 2 2 1 2 1 2 1 2 1 2 1 2 1 2 2 2 2 2 2	Stope overbad distribion of	Quantization error is present but other errors are	Shape Overload distortion of quantization noise is present.
, .	P. 1 11. 1		is present de	10	
30	Bandwidth of transmission Channel	Since no of hits are high.	Lowest B.w.	owest Bu is required.	B-W. required is downer -
5.	Feedback	There is no feedback in Tx & Rx.	Feedback exists in transmitter	Foldback exists.	Feedback exists.
6-	Complexity	System is Complex.	Simple	Simple	Simple .
20				3	for any of the state of the sta



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1.3 Institutional Distinctiveness

5. International Collaboration and MoU

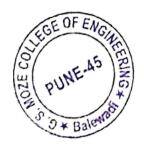
	Number of function industries, corpor				ational institutions,	universities,
Sr. no.	Organization with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/teachers participated under MoUs
1	Hitesh Lahoti & Associates, Pune		2020	3 years		
2	IREF		2021	2 years	Webinar on "RERA"	115
3	IREF		2021	2 years	Webinar on "How Civil Engineers can build their career in Real Estate, Construction and Finance"	57
4	iNODE Softeare Co.		2021	2 years	Webinar on "Opportunities for Civil Engineers in Water Sector under Jal Jeevan Mission"	
5	SECUREPOINT TECHNOLOGIES PRIVATE LIMITED		2021	3 years	Webinar on "Cyber Security"	43
6	Mile2 Authorized Training center	Arika Consultoncy Service	2021	1 year	Webinar on "Cyber Security"	
7	StackZeal Private Limited		2021	3 years	Webinar on "Opportunities for Internship to	56



PRINCIPAL

				students in the College."	
8	Span Control	2020	3 years	Webinar on " Innovation on Startups"	60
9	Abhinav IT solution Pvt. Ltd	2021	3 years	Webinar on " Introduction to Cloud Application"	75





CRITERIA - 7: INSTITUTIONAL VALUES AND BEST PRACTICES

7.3 Institutional Distinctiveness

6. One Publication per Faculty

Objective:

- To share information among the faculty members of various disciplines.
- For the social responsibility towards the communities it serves, teachers need to acquire the personal and professional development to meet the goals, vision and mission of the institution.
- Ability to make them understand the unknown from known concepts.
- To develop straddling skills, such as integrative thinking, combining knowledge of different disciplines and to cope with complexity.
- Depth learning of new concepts and understanding of varied topics.
- Through inter-department lectures we make able to enhance the interdisciplinary learning by the faculty members as well as the students.

The Context:

- This activity gives the enhancing platform for all the faculty members of all the departments, exchange the knowledge and enhance the skills with other group members.
- Faculty members share the knowledge on inter-disciplinary fields and the faculty members participate in this programme.
- All the shared information as well as faculty attendance maintained in the college along with details of publication details of faculty.

The Practice:

• A document of the programme is maintained.

Evidence of Success:

• Outcome of these practices enables the faculty members to inspire the students to take initiative in building new ideas and implement the same in real time projects.

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Challenging Issues:

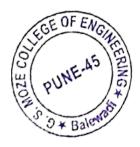
- Resources are the primary demanding situations for participation in the competition.
- Management support: Without Management's involvement and support, the quality practices cannot be implemented.
- For achievement of such practices require mindset and willingness at the a part of the facilitator without which its miles tough to encourage college students that's the target market of the Institute.
- Degree of motivation required in the minds of the students can result in success of such practices.





Genba moze *college of* engineering Balewadi, pune-411045 Faculty conference attended and paper published details 2020-2021

No	Department	Name of the Faculty	Date	Papers Published / Conference attended / Reviewer	Journal / Conference details
1	Comp	Prof. Pallavi Patil	Dec 2020	A Modified Neural Network Architecture for Message Type Recognition in VANET using an Emergency Message Transmission Protocol	International Journal of Management, Technology And Engineering - UGC Approved Joournal, Volume X, Issue XII, DECEMBER/2020, ISSN NO: 2249-7455.
2	Comp	Prof.Amruta Aphale	Aug 2020	Predict Loan Approval in Banking System Machine Learning Approach for Cooperative Banks Loan Approval	International Journal of Engineering Research and Technology, IJERTV9IS080309,VOLUME 09, ISSUE 08 (AUGUST 2020),ISSN NO:2278-0181
3	First Year	Prof. Prathamesh S. Gorane	Nov 2020	Paper Published - Analysis and Optimization of a Connecting Rod	(USRD) International Journal for Scientific Research & Development, Vol. 8, Issue 9, 2020 ISSN (online): 2321- 0613
			Nov 2020	Paper Published - Finite Element Analysis of Optimized Connecting Rod	(IJSRD) International Journal for Scientific Research & Development, Vol. 8, Issue 9, 2020 ISSN (online): 2321* 0613
			14-Mar-20	Conference attended	(AMIIUAC - 2020)-Advances In Mechatronics And Its Interdisciplinary Impact And Ultramodern Applications In Context Of 21st Century
			30-Aug-20	Conference attended	(ICROIRT-2020)-International Conference on Research Outlook, Innovations and Research Trends
			23-Oct-20	Conference	(IOMRC-2020)-4th International Online
			1-Nov-20	Conference	Multidisciplinary Research Conference (NCRASETM)-National Conference on
			2-101-20	attended	Recent Advances in Science, Engineering, Technology and Management



4	Mechanical	Prof. Roundal Vijay Baburao	1-Nov-20	Paper Published - Analysis and Optimization of a Connecting Rod*	(USRD) International Journal for Scientific Research & Development, Vol. 8, Issue 9, 2020 ISSN (online): 2321- 0613
			1-Nov-20	Paper Published - Finite Element Analysis of Optimized Connecting Rod*	(USRD) International Journal for Scientific Research & Development, Vol. 8, Issue 9, 2020 ISSN (online): 2321- 0613
			14-Mar-20	Conference attended	(AMIIUAC - 2020)-Advances In Mechatronics And Its Interdisciplinary Impact And Ultramodern Applications In Context Of 21st Century
			30-Aug-20	Conference attended	(ICROIRT-2020)-International Conference on Research Outlook, Innovations and Research Trends
	1		23-Oct-20	Conference attended	(IOMRC-2020)-4th International Online Multidisciplinary Research Conference
			1-Nov-20	Conference attended	(NCRASETM)-National Conference on Recent Advances in Science, Engineering, Technology and Management
5	First Year	Prof. Neelam Pareek	30-12-2020	Conference attended	National Conference on Digital Transformation During Pendemic WIRC OF ICAI
6			June 2020	Academic Journal publication	"Design and fabrication of Portable peanut peeling machine" in the Journal of Solid State Technology Vol.63 No.1(2020). SCOPUS Listed Journal)

