

Dr.T. THIMMAIAH INSTITUTE OF TECHNOLOGY

(Estd. 1986) Oorgaum, Kolar Gold Fields, Karnataka – 563120 (Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

INDEX

2.2.1 The institution assesses the learning levels of the students and organizes special program's for advanced learners and slow learners

Activities for Slow learners and Advanced (Fast) learners.

Sl	Name of Documents	Page No.
No.		
1	List of slow and advanced learners	2
2	Remedial class attendance	3
3	Time Table For Tutorial Classes	4
4	University question paper	5
5	Question bank	6
6	University rank holders	7
7	Industrial visit	8-9
8	Financial support for project	10
9	Display of topper on notice board	11
10	Cash prize for toppers	12
11	Participation in workshop/seminar	13
12	Paper Published in Conferences	14

Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY

Oorgaum, Kolar Gold Fields, Karnataka – 563120 (Affiliated to VTU, Belgaum, Approved by AICTE - New Delhi)

F.No:DrTTIT/IQAC/2020-21/072P

Department of Mining Engineering CATEGORY OF STUDENTS BASED ON PREVIOUS SEM RESULTS Scheme 2017

Academic Year: 2020-21

	SLO	W LEARNERS
SL.NO	USN	STUDENT NAME
1	1GV15MI073	SURYA A
2	1GV16MI014	HEMASUNDER
3	1GV16MI027	SHANTH KUMAR
4	1GV16MI037	WILLIAM
5	1GV16MI039	MURALIDHAR M R
6	1GV16MI040	MADHAN B S
7	1GV17MI001	JOHNSON LOURDU XAVIER
8	1GV17MI002	MADHALAI TITUS
9	1GV17MI007	GUNTA MADUGU CHANDU
10	1GV17MI008	CHENNA KESHAVAN
11	1GV17MI028	VENU K G
12	1GV18MI400	ARUN E
13	1GV18MI403	NAGARAJ NAYAK
14	1GV18MI405	SHIVANANDA
15	1GV18MI406	SURESH KULLUR

		Semester: VII
	AD	VANCED LEARNERS
SL.NO	USN	STUDENT NAME
1	1GV15MI024	NAVIN PRASAD
2	1GV15MI067	SATHYNARAYAN
3	1GV16MI030	SUBARAJGURU
4	1GV17MI003	THEN TAMILAN
5	1GV17MI004	ARUN KUMAR B K
6	1GV17MI005	AURANGAZIB A
7	1GV17MI006	CHARAN P M
8	1GV17MI009	ARAVIND L
9	1GV17MI010	RAJESH
10	1GV17MI011	MANOJ SEEMAN S
11	IGV17MI014	PARASHURAMU PRASAD K
12	1GV17MI015	SHIVA P N
13	1GV17MI016	PRAVEEN KUMAR Y
14	1GV17MI017	REVANTH API K A
15	1GV17MI019	SAKTHIVEL D
16	1GV17MI020	SHEIKSULAIMANSATE
17	1GV17MI021	SHREEPATH R C
18	1GV17MI022	SHRISHAIL RAMAPPA KADIWAL
19	1GV17M1024	K SRINIVAS
20	1GV17MI029	VINITH KUMAR P V
21	1GV17MI032	NISHATH FATHIMA
22	1GV18MI401	GANESH
23	1GV18MI402	KRISHNARAJ S
24	1GV18MI404	PAVAN REDDY R V
25	1GV18MI407	VINAY SELVANATHAN

Selection Criteria

Slow learners	Percentage ≤60%	
Advanced	Parasta > 600/	
Learners	Percetage >60%	

CLASS CO-ORDINATOR

HOD NO. 10. 100 NO.

Dr. T. Trimmaiah Institute of Technology Oorgaum, K.G.F. - 563 120.



Oorgaum Post, K.G.F-563120 (Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified) Dr.T.T him maiah Institute of Technology

F.No:DrTTIT/IQAC/2020-21/071AL

Academic Year 2020-21

Department of Mining Engineering

Tutorial Class Attendance 2020-2021

Semester 7

Dr. 1, Tirlimmaiah Institute of Technology Oorgaum, K.G.F. - 563 120. Pd Charles Course Code: 17m4 75 15 12 5 12 4 T NIT Ś Y V N 7 C n α 4 A IS 2 9 J Ø Ø V 7 S ď V S J M BB AB 21/8 D 13 5 'N M 5 5 M 01/12 J 4 N 2 5 2 4 N W 3 7 2 AA OB N \$ \$ \$ V 10 Φ M sA T T W 3 M dMM M M () (A) 3 5 AB AB AB 中区 AB d d N d d Y N 2 ٨ 01 46 NO. OF CLASSES DATES Jehnson Louxelle Xowner Madega Chassler NAME OF THE STUDENT Murral: other. M.R Madhala: Titus Leganor Sweeds Kuller Yayak Sharth Kunzar Hine System Engineering Madhan B.S Henrisanolex Salazond eou - 15-6 William SurgarA 1 Press - F 080200 nunda 200000 19415MIS43 16m1040 7 MI 00 2 TWIND TO 17MIN8 17m2028 8mI 403 8 MIMS 16 MJ 627 8mI406 16MIL37 18m3400 16016M3 014 16WJ 639 JMI OE USN Course Name SL NO. ή S 0 2 15 5 14 7 00 M 0

Course Instructor

ACTED (01/101)



Dr.T.THIMMAIAH INSTITUTE OF TECHNOLOGY

Oorgaum, Kolar Gold Fields, Karnataka – 563120

F.No:DrTTIT/IQAC/2020-21/C2/2D/05B

Department of Mining Engineering **Tutorial Class Time Table** Scheme 2017

Academic Year: 2020-21

	יבמתכוווים וכתו: בסבס בד	T-				Semester: VII
SI No.	Si No. Sub Code	Subject	Name of the faculty	Date	Timings	Faculty Signature
					D	anning offeren
1	17MN72	Ground Control	Prof Raja S	Monday	3:00 PM to 4:00 PM	Cutolly, my
						A Variable
2	17MN751	17MN751 Mine System Engineering Prof. Mahendran J	Prof. Mahendran J	Tuesday	3:00 PM to 4:00 PM	H as a last
						4

Time Table Coordinator

Ur. T. Thimmaiah Institute of Technication Oorgaum, K.G.F. - 563 120.



Oorgaum Post, K.G.F-563120
(Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

VTU QUESTION PAPER

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Third Semester B.F. Degree Examination, Jan./Feb. 202 Digital System Design Figure 3 hex Mex. Minks: 100 Yole: Answer any FIFL full questions, choosing GNE full question from en Ten@ule. Module-1 1 a Define the following terms with example i) Literal in) Maximum sin) Sumsterm in) Product of sum vi Cammual sum of products b. Reduce the following function using K-map technique and implicant using NAND gates only 0 f. (P. Q. R. S) " \(\sum_{10} \) \(\text{(0, 1, 4, 7, 8, 9, 10)} \) = d \(\sum_{11} \) \(\text{(11)} \) \(\text{(18 Marks)} \) \(\text{(18 Marks)} \) \(\text{(18 Marks)} \) \(\text{Reduce the following function using K-map and colleges stores NOR gate only \) lement using NOR gate only f. (A, B, C, D) = \(\Sin (0, 5, 7, 8, 10, 23) + d (2, 4) (de Marks) Reduce the following function using the including Reduced prime implicant to be sky usethed and shall all the tables Q: = fia. b, c, d, e) = \(\S \) 11. 3. 4. 5. 6 10, 11 12, 13, 14, 15, 18, 19, 20, 21, 22, 23, 26, 271 (20 Marks) Module-2 3 a Implement the following to function using single 74LS138 () to 8 deceder) and external gates. FICA. B. C. - AB . F. (A, B, C) - XM (Implement the figh-TIAA B. (a) Min (D. L. 6, 10, 11, 12, 13) + α(3, 8, 14) using 74LS(5) (8 1 MI)X1.
 (b) Lower order inputs as solect inputs.
 (b) Σm (0, 2, 3, 4, 6, 7, 9, 11, 13, 15) using 24LS(5) (4 IMI)X1. for (A. B. S. D) = \(\sum \) (0, 2, 3, 4, 6, 7, 9, 9 \)
to (A. B. S. D) = \(\sum \) (0, 2, 3, 4, 6, 7, 9, 9 \)
to (b) with the order inputs as select inputs they the allowing combinational logic construct \(\sum \) in tractor using "4LS153 \)
(A. decoder using 2 to 4 decoders.) (On Marks) Develop the 16 decoder using 2 to 4 decoders only (98 Marks) Adder ckt from truth table. Construct a four bit adder and explain it. 186 Marks comparator and explain 104 Market slop a look ahead carry adder from tall adder. Draw the compute structure including whead carry generator and final Adder Module-3

Analyze the application of SRPs as switch debouncer with waveforms

If splint the working principles of gated SR latch with truth table next state table, excitings. table and characteristic equation 486 Martis Draw the Master - Stave JK flip-flop and explain its working. There the treal table, what is nue armed constant! How it can overcage?

ef left

PRINCIPAL
PRINCIPAL
Orrgaum, K. G. F-583120

Spelat box 14a 3 to 15a 3 to 15a 3 to 15a 3

いまる 田田子

100 m

Oorgaum Post, K.G.F-563120 (Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

MODULE WISE QUESTION BANK

3rd Semester

Subject Name: Discrete Mathematical Structures

Subject code: 18CS36

Question Bank

Modulel

- 1. Define the following with an example for each: (i) Proposition (ii) Tautology (iii) Contradiction (iv) Duality principle
- 2. Justify the following using laws of logic:

 $(p \rightarrow q) \land [\neg q \land (r \lor \neg q)]$ equivalent to $\neg (q \lor p)$

3. Determine the truth value for the following, if p, q, r have the 0, 0 and 1 as truth values:

 $p \rightarrow (q \land r)$ $p \to (q \to \gamma r)$

4. Show that

i) $\{(p \lor q) \rightarrow r\} \leftrightarrow \{\gamma r \rightarrow \gamma (p \lor q)\}$ is tautology or contradiction

5. Prove using laws of logic

 $p \rightarrow (q \rightarrow r)$ biconditional $(p \land q) \rightarrow r$

 $p \rightarrow (q \land r)$ biconditional $(p \rightarrow q) \land (p \rightarrow r)$

6. Test the validity of the foll:

 $(p \rightarrow q) \land (q \rightarrow (r \land s))$

therefore u

- 7. Prove if k and l are odd numbers, then k+l is even
- S. Explain Quantifiers and open statement with example

9. Using Inference rules, prove the following

For all x, $(p(x) \lor q(x))$

For all x, $(\neg g(x) \lor r(x))$

For all x, $(z(x) \rightarrow \gamma \ r(x))$ There exists, $\gamma \ p(x)$ therefore there exists, $\gamma \ z(x)$

- 10. Define dual of a logical statement. Verify the principle of duality for. $[\gamma(p \land q) \rightarrow \gamma p \lor (\gamma p \lor q)]$ equivalent to $(\gamma p \lor q)$
- 11. Show that (p \vee q) \wedge { (p \rightarrow r) \wedge (q \rightarrow r) }) \rightarrow r is tautology or contradiction

12. Test the validity of the foll:

 $((\gamma p \vee q) \rightarrow r) \wedge (\gamma s \wedge \gamma u)$ therefore p

13. Find the negation of the following quantified statement.

(i) x , y, $[\{p(x,y) \land q(x,y)\} \rightarrow r(x,y)]$ (ii) x , y, $[\{x \le y\} \rightarrow ((x-y) \ge 0)]$



Oorgaum Post, K.G.F-563120 (Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

DEPARTMENT OF MINING ENGINEERING

UNIVERSITY RANK HOLDERS



VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI. VTU GOLD MEDALISTS VTU 20¹⁸ ANNUAL CONVOCATION - APRIL 2021 BACHELOR OF ENGINEERING AND BACHELOR OF TECHNOLOGY

IL.No	05%	STUDENT MANE	COURSE HAME	COLLEGE	CGPA	
	114116AE096	SHREEN KAAZ	Acronoptical Engineering	MV). Bengshire	907	
	1AY16AU842	UJWMLH C	Automobile Engineering	Ackarya last, Berigaluru	8.52	
	2KI_16BM006	HAVYA KRISHNADAS BHAT	Bio-Modeal Segmentag	10.SCET, Belgoum	9.84	
F	1MV168T013	K PREKSHA MACHAIYA	Historiusebagy	SMVIT, Bengaluru	904	
5	1341601046	SUMASHULES S	Chamical Engineering	MV J. Bengaluru	9.25	
6	1VI16C\$091	SAKNIORI A	Computer Science & Engineering	Venus Inst, Bengaluru	927	
7	30K16CT013	PRUTYI MAHABLESHWAR MAIK	Construction Technology and Hanagement	Oxford Gollege,Bengaluru	637	
8	45F16CV015	ASMATH SHARWEDI TS	Ovil Engineering	Saltyadri , Mangalore	9.42	
9	11/1/1680038	GAGANA T REDDY	Sectronics & Construencetion Engineering	SMNT, Bengalere	9.40	
10	4VV16630002	APOORNA H R	Sectrical & Electronics Engineering	VVCE, Hysere	934	
11	181683028	SERMA R HEGDS	Sectionics & Instrumentation Engineering	SCT. Benguluru	894	
12	19(16(14)25	HITIKAJAIN	Industrial Engineering & Management	BIT. Bengaluru	912	
13	4U816H003	ANCES FATHEMA	Industrial & Production Engineering	UBDT.Devengere	812	
14	180(16)3061	PYUKTHA	Information Science & Engineering	RNS Inst, Bengaluru	9.10	
15	187716146010	ARUN D	Harbanical Engineering	BMS last, Bengalaru	9,49	
16	1GV1648028	SIPTHS	Mining Engineering	On THE 1997	8.92	
17	11/01/61/005	KAYERI SHEBBAL	Medical Electronics	M V J. Bengaluru	8.55	
18	44R364R010	CHARLTH SHE'NG! M PRABIR!	Harlos Engineering	Mangalore Marine,Mangalore	940	
19	1AY1645017	WUSHKAVI B J	Manufacturing Science & Engineering	Acharya Inst. Bengaluru	8.09	
20	4MT16MT022	MUBASHIRP	Mechatronics Engineering	HETE, Hoodsbidni	8.81	
21	45N16N7010	JUNEO IOLAT	Nanotechnology	Straines Inst Mangalore	9.73	
22	1811676029	NOMAR	Telecom sounication Engineering	2545 host, Bengaluru	925	
23	151(177)(408	SHOWETA IRANNA BAGALKOT	Textile Technology	Govt.SKS/T.Bengaluru	8.52	

BACHELOR OF ANCHITECTURE

St.lio	USN	STUDENT HAPE	COURSE NAME	COLLEGE	CGPA
1	18Q15AT013	ARSHITA RAYINDRANATHAN	Architecture	8MS School of Arch.	8.81

MASTER OF ARCHITECTURE

SLNo	wsie	STUDENT NAME	COURSE NAME	COLLEGE	CGPA
1	1CF18AH010	ROBBIT FYENGAR	Habitet design	SMS Coll of Arch	8.87
2	18018/6/001	AVNI GOR	Urban design	BMS School of Arch.	2.05
3	1JA18CPH06	MANJUC	Construction & Project Management	SER School of Arch.	9.26

MASTER OF BUSINESS ADMINISTRATION

SLNo	USN	STUDENT KAME	COURSE HAME	COLLEGE	CGPA
1	18G19MBA16	вноомисяки	MBA	BNM fast, Bengaluru	8.09

MASTER OF COMPUTER APPLICATIONS

SLitte	USM	STUDENT NAME	COURSE NAME	COLLEGE	CGPA
1	45017MCA07	DEFLVA CYCHA DANIEL	HCA /	St. JE Chlangalope	9.01

VTU 20th Annual Convection-April 2021

Dr. T. Thibrimaiah institute of Technology Oorgaum, K. G. F-563120



Oorgaum Post, K.G.F-563120 (Approved by AICTE,New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION

INDUSTRIAL VISIT FOR ADVANCED LEARNERS



An Industrial Visit was organized to ISRO – ISAC, Bangalore for the 6th Semester students on 9th April 2018. The visit was coordinated by Mrs. Jenitha A, Associate Prof. The students were accompanied by Mrs. Vijayalakshmi G V, Associate Prof. ECE, Mrs. Mamatha V, Mr. Shashikiran S, Mrs. Manjushree K Chavan, Assistant Professors, ECE.



Students of Second and Final Year visited BEML Limited, KGF on 23rd March 2019 organized by Mrs. Manjushree K Chavan, Assistant Professor accompanied by Ms. Kanimozhi S, Assistant Professor, Mr. Srinivas Babu, Assistant Professor Mr. Shashikiran, Asst. Professor and Mr. Rajesh Kumar Kaushal Asst. Professor. Students were taken to various Departments in BEML and exposed to the industrial environment.

PRINCIPAL
PRINCIPAL
Or. T. Zhihmaiah Institute of Technology
Corgaum, K. G. F- 583120



Oorgaum Post, K.G.F-563120 (Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)



A visit to All India Radio, (Akashvani, AIR) in Bangalore and Hoskote Divisions was organized for the students of Third Year and Final Year .Mrs. Manjushree K Chavan, Asst Prof. E&C organized the visit on 07/05/2019. The students were accompanied by Dr. Palaniswamy, Professor, Dr. Vijayalakshmi G V, Associate professor and Ms. Tamil Vani R, Assistant Professor. The visit was aimed at enhancing the knowledge of students about the studio and FM Transmitters along with concepts of the Base Station.

PRINCIPAL
PRINCIPAL
Oorgaum, K. G. F- 553120



Oorgaum Post, K.G.F-563120 (Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

FINANCIAL SUPPORT FOR PROJECT

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian institute of Science campus, Sengaluru - 560 012 Website: http://www.kscst.lisc.ernet.in/spp.html || Email: spp@kscst.iisc.ernet.in || Phone: 080-23600978

43rd Series of Student Project Programme: 2019-20

LIST OF STUDENT PROJECT PROPOSALS APPROVED FOR SPONSORSHIP

45) Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY, KOLAR

240	435,81,7981	STANDETECTION IN PIPE NETWORKS USING OPTIMIZATION TECHNIQUES	MECHANICAL ENG NEERING	#F	SIREAWA	W BALASHERAMANAMA	MI SPRACEEP My SWETHAP My SHYAMIC PAR	Non-in
241	Land and Values	THE BASED AUTOMATIC CONTROL OF SUN TRACKING SOLAR PANEL FOR HIGH-POWER GENERAL LIN	ELECTRONICS AND COMMUNICATION FING-MEERING	U.E.	STREAM A	Pret RUCKMANI DIYAKAHAN	MS SANGHIYAR MS SANGHIYAR ME PRIVAD MA PARITHRA W MS RAMIYA BY MS DEAFFLORM D	\$500.00

The sanctioned amount will be sent separately by KSEST to the College in the name of the pracquel by NEFT transfer. The details of iconsection no, and date with be internated

The evaluation of above projects will be conducted at the nodal centure in the month of May June 2020. Parscipeton in the evaluation process at the nodal centure is mandatory, falling to which the susceptional The examinant of above projects were conquirted as one neons occurre in one morns or many. Anne ware properties the beauthful of the stand senctioned amount shall be returned to KSCST.

Further projects will be short-sted for state fevel seminar & exhibition which will be conducted during July. August 2020.

After completion of the projects, the hard copy and soft copy (PDF format only) of the report needs to be sent to KSCST without fail

Any corrections with respect to the names of the guide and students should be requested at an altacetase order in

KSCS1 [43] Series of Student Project Programme. Sanctioned Projects

Page 59 of 227



Oorgaum Post, K.G.F-563120 (Approved by AICTE,New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DISPLAY OF TOPPERS ON NOTICE BOARD



Dr. T. Thilmmaiah Institute of Technology Oorgaum, K. G. F- 563120



Oorgaum Post, K.G.F-563120 (Approved by AICTE,New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION & MECHANICAL ENGINEERING

CASH PRIZE FOR TOPPER



Ms Suganthi K from ECE department was presented with a cash prize of Rs. 1 Lakh at the 29th graduation Day (2018) ceremony. The award was instituted and sponsored by Dr. T Venkat Vardhan-President GVET

PRINCIPAL

Br. T. Thimmalan Institute of Technology

Dorgeoun, K. G. F. 563120

(C)

Dr.T.Thimmaiah Institute of Technology

Oorgaum Post, K.G.F–563120 (Approved by AICTE,New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

PARTICIPATION IN WEBINARS/SEMINARS









Students Participated in Various Webinars

Dr. T. Thimmaiah institute of Technology Oorgaum, K. G. F- 563120



Oorgaum Post, K.G.F-563120 (Approved by AICTE, New Delhi, Affiliated to VTU-Belagavi, Approved by Govt. of Karnataka and ISO 21001-2018 Certified)

DEPARTMENT OF CIVIL ENGINEERING

PAPER PUBLISHED IN CONFERENCES



Storm Water Harvesting in Urban Pavements by Using Pervious Concrete

Abstract: Due to modern urban development and improper drainage system, flooding has become common in India. Study suggests that use of pervious concrete is cost effective and eco-friendly. The use of pervious concrete is cost effective and eco-friendly. The use of pervious concrete consists of high permeability, low strength and high porosity when compared to the normal pavement or normal concrete. The aggregates are single size bonded with only cement paste which also omits the usage of fine aggregates thereby forming intercellular structures, which allows the storm water to seep into ground for recharge of ground water table by reducing the runoff of water on the surface. During the excess flow of storm water which cannot percolate the ground water surface enters the storage tank which is provided adjacent to the roads or beneath the surface of the footpath. The water which is storage tank can be used for external applications. However the concrete surface affects the tyres and creates noise, by using pervious concrete or exposed aggregate concrete it can be reduced.

Keywords: Pervious concrete, storm water, ground water recharge, storage tank, external applications.

I. INTRODUCTION

Pervious pavements are alternatives to traditional to asphalt and concrete. They permit water to undergo soil below, reduce storm water and recharge groundwater. Pervious pavements are utilized in many parts of the planet to embance wet weather driving safety, reduce traffic noise and manage storm water runoff. Pervious and interconnected structure pore allows that water to simply penetrate into it and convert his sort of pavement to eco-friendly pavement. Pervious concrete is homogenous mixture of cement, aggregate/gravel and water where this sort of concrete is additionally called as no-fines concrete. Pervious concrete could even be a special high porosity concrete used for flat work applications that consents water from precipitation and other sources to undergo it thereby reducing the runoff from a site and recharging spring water levels. Pervious

concrete are produced using large aggregates with little to no fine aggregates. Pervious concrete is traditionally utilized in parking areas, areas with high traffic, residential streets, pedestrian walkways, and green houses it is an important application for susminable construction and is one of many low impact development techniques employed by builders to project water quality. The use of pervious concrete is recognized as best management practice by US environment protection agency for providing first flush pollution control and storm water management. High impact development within the areas of transportation infrastructure by the development of conventional concrete pavements is transforming the natural pervious ground imo an impervious land cover, the development of conventional impervious pavement systems has caused two major shifts within the local environment including changes of hydrological aspects and variations within the surrounding thermal ambience. Pervious pavements with reservoir structure of concrete pavingstones offer the likelihood for a decembalized sustainable storm water management and source control in urban areas. Runoff from streets and parking areas with low traffic densities are often infiltrated to support spring water recharge and to scale back hydraulic stress in sewes systems, receiving waters and wastewater weatment plants, infiltration can help to return the whan water cycle to its natural condition, increasing spring water recharge and evapotranspiration. Hence by evaluating the consequences of various admiratures of pervious concrete block the strength and permeability balance is decided. The most objective is to scale back the stagmant and runoff of the water by allowing it to percolate into ground surface

Pervious concrete has very rough an uneven appearance thanks to the consistent of cement coarse aggregate, administrares (fly ash or pozzolana or ground granulated furnace slag (GOBS)) with little to no fines aggregates and water.

ISSN (Online): 2347 - 2812, Volume-S, Issue -\$, 2020

3.5

Dr. T. Williamaiah Institute of Technology Gorgaum, K. G. F-563120