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	ENGINEERING COLLEGE
	Experiment - 1
_	Pin: 10 1 + 100 1
	10 understand Derops, priviles,
	Him: To understand DerOps, principles, practices & DerOps voles & sesponsibility
	Them:
0	Theory:
	Devons is the combination of 2 woods, one
	is Development & other operations It is a culture to promote development &
	operations collectively
b.	Devons helps increase processing
2	Devons helps inviease organisation speed to deliver applications & services It allows to serve customers better & compete more strongly
	to serve customers better & compate so
C.	It can also be defined as a sequence of
	development & ID operations with better
	Communication & collaboration
d.	It is one of the most valuable business
	disciples for enterprises or organisations
	with help of Derops, quality & speed
	Emproves with great extent
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,	BUILD
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j.	Built
	Without Devons, resource consumption is pre-defined with fixed software with
	Der Ople, doud usage & scrowce shaving optimize allocation based on needs
	optimize allocation based on needs
	Code
	Version systems like bit help track changes severt to previous versions & organise code efficiently for reuse Test
	severt to previous versions & organise code
	efficiently for seuse
	TO I look to be him at 1 10
	Manual testing takes time whereas automation
	speeds up the process reducing deployment time & eliminating manual everos
iv	Plan
	Agite methodology aligns development and operations improving productivity & work organization
	organization.
	1 Noniter
	Tontinous monitoring detects failure tracks
	System health & uses took like splunk for
	log analysis.
Vi	Deploy
	Hutomated Schedulers & Cloud Management
	platforms optimize deployment & provide
	Ordina via dashboards
Vii	Devons foster collaboration b/w development
	2 adjustion teams throughout
Viii	L'orberation teams throughout
V 11.	



	Automation supports deployment but production seleases often sequise manual intervention to minimize customer impact
	releases often require manual intervention
	to ninimize justomen immit
ρ.	Poinciples.
ii	Data based devision making Customer centric desision making
iii	Lustomer contric desision Alakina
îV.	Constant improvement
- V	Resposibility throughout like cucle
VÎ	Responsibility throughout life cycle
Vii	Failure as learning opposturity
L	Advantages
S	Faster development & deployment
	Ouck response to market changes
iii	Reduced Software delivery time & costs
11/	(looses statut development & delivery
16	Colonia Listamos experience & Satisfaction
Vi.	Simplified (Allaboration With acua based 1000
vii.	Enlaurages teamwork & improves productivity
<i>a</i> .	Disadvantages
Oi.	Shortage of skilled Devone professionals
;]] .	High Development Costs
111.	Difficult to integrate into industry
îv.	Latte of Devores knowledge hinders automa-
	tion project
	Conclusion: Hence, we've known what Deron
	is & its advantages & disadvantages
and the second second	