



Rajgad Dnyanpeeth's

**Rajgad Institute of Management
Research & Development, Pune-43**

Approved by AICTE, Recognized by DTE (Govt. of Maharashtra), Affiliated
to Savitribai Phule Pune University

Significance of the Director's Contribution at University Level

सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)

Savitribai Phule Pune University
(formerly University of Pune)



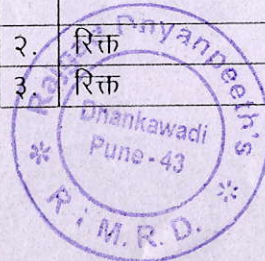
महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६, कलम ४०(२)(ख)(एक)(दोन)(तीन)
[40(2)(b)(i)(ii)(iii)] नुसार वाणिज्य व व्यवस्थापन विद्याशाखेमध्ये समाविष्ट असलेल्या
अभ्यासमंडळावरील नामनिर्देशनाबाबत..

जाहिर प्रकटन

महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६, कलम १२(८) नुसार मा. कुलगुरु यांनी त्यांच्या अधिकारात पारित केलेला आदेश क्रमांक २१२/२०१७, संदर्भ क्रमांक सीबीएस/६५६, दिनांक २९ सप्टेंबर, २०१७ अन्वये विहित करण्यात आलेल्या प्रत्येक विषयासाठी किंवा विषयांच्या गटासाठी तयार करण्यात आलेल्या अभ्यासमंडळांवर, महाराष्ट्र शासन राजपत्र असाधारण भाग चार-ब, दिनांक २८ एप्रिल, २०१७ मधील अनुसूची-दोन अन्वये विद्यापीठाच्या कोणत्याही प्राधिकरणाचा सदस्य म्हणून निवडून घेण्याच्या, नामनिर्देशित करण्याच्या अथवा स्विकृत करून घेण्याच्या पात्रता शर्ती विनिर्दिष्ट करण्यात आल्यानुसार, प्रत्येक विषयासाठी किंवा विषयांच्या गटासाठी एकूण सहा सदस्यांचे नामनिर्देशन करावयाचे आहे [(एक) संबंधित विषयातील विद्यापीठ विभागाच्या पूर्णवेळ अध्यापकांमधून एक अध्यापक; (दोन) संबंधित विषयातील पदव्युत्तर अध्ययनक्रम देऊ करणा-या संलग्न महाविद्यालयांमधील किंवा मान्यताप्राप्त परिसंस्थांमधील किंवा पदव्युत्तर केंद्रांमधील मान्यताप्राप्त पदव्युत्तर अध्यापकांमधून दोन अध्यापक; (तीन) संलग्न महाविद्यालये आणि मान्यताप्राप्त परिसंस्था यांमधील विभागप्रमुख नसलेले तीन अध्यापक;].

मा. कुलगुरु यांनी वाणिज्य व व्यवस्थापन विद्याशाखेमध्ये समाविष्ट असलेल्या प्रत्येक विषयासाठी किंवा विषयांच्या गटासाठी असलेल्या अभ्यासमंडळावर खालील सदस्यांचे नामनिर्देशन केलेले असून ते पुढीलप्रमाणे -

अनु. क्रमांक	अभ्यासमंडळाचे नाव	म.सा.वि.अ., २०१६ मधील कलम	नामनिर्देशित सदस्यांचे नाव व पत्ता
१.	बिझनेस प्रॅक्टिसोरा	४०(२)(ख)(एक)	१. रिक्त
			१. प्रा. इंगोले पद्मावती संजय प्रा. रामकृष्ण मोरे कला, वाणिज्य व विज्ञान महाविद्यालय, आकुर्डी प्राधिकरण, पुणे ४११०४४.
		४०(२)(ख)(दोन)	२. प्रा. झालटे धिरज छगन के.व्ही.एन. नाईक एज्युकेशन सोसायटीचे कला व वाणिज्य महाविद्यालय, दिंडोरी, जि. नाशिक ४२२२०२.
			१. प्रा. राजे विवेक वसंतराव गोंसला मिलिटरी कॉलेज, डॉ. गुंजे मार्ग, रामभुगी, नाशिक ४२२००५.
		४०(२)(ख)(तीन)	२. रिक्त
३. रिक्त			



Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Research Institute Of Management
Research And Development
Dhankawadi, Pune-43

अनु. क्रमांक	अभ्यासमंडळाचे नाव	म.सा.वि.अ., २०१६ मधील कलम	नामनिर्देशित सदस्यांचे नाव व पत्ता
१५.	ऑर्गनायझेशन मॅनेजमेंट	४०(२)(ख)(एक)	१. प्रा. चितळे आर.एच. डिपार्टमेंट ऑफ मॅनेजमेंट सायन्सेस, सावित्रीबाई फुले पुणे विद्यापीठ, पुणे ४११००७.
		४०(२)(ख)(दोन)	१. प्रा. काळकर पराग चंद्रकांत सिंहगड इन्स्टिट्यूट ऑफ मॅनेजमेंट, स.नं. ४४/१, वडगाव बु. ऑफ सिंहगड रोड, पुणे ४११०४१.
			२. प्रा. अळषी साजिद शौकतअली ज्ञानसागर इन्स्टिट्यूट ऑफ मॅनेजमेंट अॅण्ड रिसर्च, स. नं. ४२४३, बालेवाडी, पुणे ४११०४५.
		४०(२)(ख)(तीन)	१. रिक्त २. रिक्त ३. रिक्त
१६.	इंटरनेशनल बिझनेस मॅनेजमेंट	४०(२)(ख)(एक)	१. डॉ. सांगवीकर बी.व्ही. डिपार्टमेंट ऑफ मॅनेजमेंट सायन्सेस, सावित्रीबाई फुले पुणे विद्यापीठ, पुणे ४११००७.
		४०(२)(ख)(दोन)	१. प्रा. भारती देवीदास भालचंद्र राजगड इन्स्टिट्यूट ऑफ मॅनेजमेंट रिसर्च अॅण्ड डेव्हलपमेंट, स.नं. ३२-२-१२ ते १६, धनकवडी पोस्ट ऑफिस जवळ, पुणे ४११०४३.
			२. प्रा. भिलारे मेघना राजेंद्र डॉ. डी.वाय. पाटील इन्स्टिट्यूट ऑफ मॅनेजमेंट अॅण्ड रिसर्च, एच.ए. फॅक्टरी समोर, संत तुकाराम नगर, पिंपरी, पुणे ४११०१८.
		४०(२)(ख)(तीन)	१. रिक्त २. रिक्त ३. रिक्त



Dr. D. B. Bharati

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute Of Management
Research And Development
Dhankawadi, Pune- 43



Rajgad Dnyanpeeth's

**Rajgad Institute of Management Research &
Development, Pune -43**

Approved by AICTE, Recognized by DTE (Govt. of Maharashtra), Affiliated to Savitribai Phule Pune University

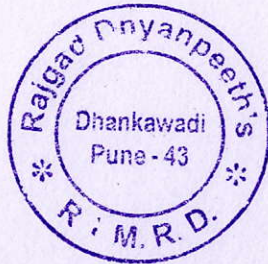
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To,
Dr. Devidas Bharati (Member),
Director, Rajgad Institute of Management,
Research and Development,
Pune

Subject: Regarding the nomination on the Board of Studies, Faculty of Commerce and Management in accordance with the Maharashtra Public University Act, 2016 section 12(8)...

We are pleased to inform you that the Board of Studies of International Business Management under the provisions of Maharashtra Public University Act, section (2) (KH) (2), has selected you as a member of the BOS International Business Management until 31 August, 2022.

Vice Chancellor,
SPPU



Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute Of Management
Research And Development
Dhankawadi, Pune-43



सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)

Academic Section

Ganeshkhind, Pune - 411 007

Phone : 020-25601257/58/59

E-mail : boards@pun.unipune.ac.in

Website : www.unipune.ac.in

शैक्षणिक विभाग

गणेशखिंड, पुणे-४११ ००७

दूरध्वनी क्र. : ०२०-२५६०१२५७/५८/५९

ई-मेल : boards@pun.unipune.ac.in

संकेतस्थळ : www.unipune.ac.in

Savitribai Phule Pune University
(Formerly University of Pune)

संदर्भ क्र. : सीबीसीएस/१९४

दिनांक : ९ मार्च, २०१९

प्रति,

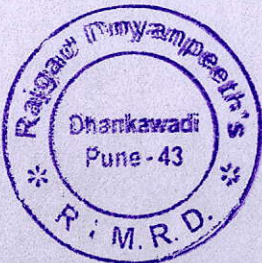
- १) डॉ. राजेंद्र हिरेमठ
राजपथ इन्फ्राकॉन प्रा. लि.,
४०३, प्राईड हाऊस, गणेशखिंड रोड,
चतुःश्रृंगी, गोखलेनगर, पुणे ४११ ०१६
(९८२२०४६६०४)
email- drhiremathraju@rediffmail.com
- २) प्रा. (डॉ.) तनुजा देवी
गरवारे वाणिज्य महाविद्यालय,
कर्वे रोड, पुणे ४११००४
(९४२३५७२०५४)
email- tanuja.devi@yahoo.co.in
- ३) प्रा. (डॉ.) जीभाऊ बच्छाव
डॉ.बी.एन. पुरंदरे कला आणि श्रीमती एस.
जी. गुप्ता वाणिज्य व विज्ञान महाविद्यालय
लोणावळा
जि. पुणे - ४१०४०३
(९०२८६०२५२७)
email- drjhbhchhav@gmail.com
- ४) प्रा. (डॉ.) देवीदास भारती
संचालक,
राजगड इन्स्टिट्यूट ऑफ मॅनेजमेंट रिसर्च
ऑण्ड डेव्हलपमेंट, स.नं. ३२-२-१२ ते
१६, धनकवडी पोस्ट ऑफीस जवळ,
पुणे ४११०४३
(९८२२१८६२२९)
email- drdbbharati@gmail.com
- ५) प्रा. (डॉ.) बी. एम. लोंढे
संचालक,
अमृतवाहीनी इन्स्टिट्यूट ऑफ मॅनेजमेंट
अॅण्ड बिझनेस अॅडमिनीस्ट्रेशन,
पुणे-नाशिक हायवे, अमृतनगर,
संगमनेर, जि. अहमदनगर - ४२२६०८
email- directoraimba@yahoo.com

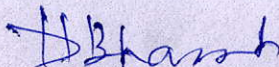
विषय : वाणिज्य व व्यवस्थापन विद्याशाखेवर विशेष निर्मात्रित सदस्य म्हणून नामनिर्देशनाबाबत.....

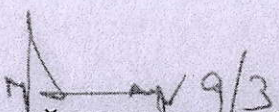
महोदय,

आपणांस कळविण्यास आनंद वाटतो की, महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम ३४(४)(ड) नुसार वाणिज्य व व्यवस्थापन विद्याशाखेवर विशेष निर्मात्रित सदस्य म्हणून आपले नामनिर्देशन करण्यात आले आहे. सदर विद्याशाखेवरील आपल्या नामनिर्देशनाची मुदत महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ कलम ६२ मधील तरतुदीनुसार दि. ३१ ऑगस्ट, २०२२ पर्यंत राहिल. याची कृपया नोंद घ्यावी.

कळावे,




Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute Of Management
Research And Development
Dhankawadi, Pune- 43


डॉ. एन.एस. उमराणी
प्र-कूलगुरू



Rajgad Dnyanpeeth's

Rajgad Institute of Management Research & Development, Pune -43

Approved by AICTE, Recognized by DTE (Govt. of Maharashtra), Affiliated to Savitribai Phule Pune University

Marathi to English Translation of letter from SPPU

Ref. no: CBCS/ 164

Letter Dated: 09/03/2019

To,
Dr. Devidas Bharati (Member),
Director, Rajgad Institute of Management,
Research and Development,
Pune

Subject: Regarding Nomination as Special Invitee to the Faculty of Commerce and Management..

Sir,

We are pleased to inform you that you have been nominated as a Special Invitational Member on the Faculty of Commerce and Management pursuant to The Maharashtra Public Universities Act, 34(4)(a). The deadline for your nomination on the Faculty of the University shall be as per the provisions of Maharashtra Public Universities Act 2016 section 62. Please note that this will remain until August 31, 2022.

Dr. N. S. Umrani,
Pro-Vice Chancellor



DB Bharati
Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute Of Management
Research And Development
Dhankawadi, Pune- 43



Rajgad Dnyanpeeth's

**Rajgad Institute of Management
Research & Development, Pune-43**

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to Savitribai Phule Pune University

Faculty involvement in University Exam Work

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
Fax : 020-25621441
Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 07:00



21021600843

Dahivale Rohan Prabhakar

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@rediffmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Chairman, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Chairman	M.B.A. (Sem. I to IV)	Paper-Essentials of Family Business Management - II (403 FBM), SEM IV 2016 Pattern (3 set question paper compulsory)	Dahivale Rohan Prabhakar Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune 9921613494	
Appt NO. 20224472	(Theory) BOS:FOREIGN TRADE	(3 Ques. Paper Set compulsory)		



- This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2010 and Statutes/ Ordinances, Rule and Regulations framed thereunder.
It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action. In case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college, community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.
- Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.
- If required, you will be called by the Director, Central Assessment Programme for Central Assessment.
- Please intimate the Director, Board of Examination and Evaluation, Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.
- Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.
- The TA/DA will be paid only to those paper-setters who will attend the meeting of the paper-setters on the invitation from the concerned chairman. **Travel by car for attending meeting is not allowed.**
- Please read and adhere to the enclosed important instructions.
- Chairman of old pattern courses like B.A / M.A / B.Com / M.Com 2013 pattern shall be set their question papers as per equivalences.
- The chairman should produce his order while submitting question papers to strong room section.

I seek your co-operation.

Thanking You

THIS IS A COMPUTER-GENERATED DOCUMENT AND IT DOES NOT REQUIRE A SIGNATURE. THIS DOCUMENT SHALL NOT BE INVALIDATED SOLELY ON THE GROUND THAT IT IS NOT SIGNED.



1 of 2

Yours,

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management Research and Development
Pune-431043

6/27/2022 2:59:26 PM

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
Fax : 020-25621441
Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020



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22/02/2021 01:40

Dahivale Rohan Prabhakar

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	PGDMLM -2013 (Theory)	Paper-Strategic Supply Chain Management (201) , sem-II (3 Set Qust. Paper compulsory)	Ahire Girish Manohar Maratha Vidya Prasarak Samaj Institute Of Management,Research And Technology Addr: shivajinagar gangapur road nashik Ta: Nashik Dist: Nashik	9422756068
Appt NO. 20235563	BOS:Production Operation Service Management	(3 Ques. Paper Set compulsory)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2010 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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3. Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.

4. If required, you will be called by the Director, Central Assessment Programme for Central Assessment.

5. Please intimate the Director,Board of Examination and Evaluation , Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.

6. Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.

7. The TA/DA will be paid only to those paper-setters who will attend the meeting of the paper-setters on the invitation from the concerned chairman. **Travel by car for attending meeting is not allowed.**

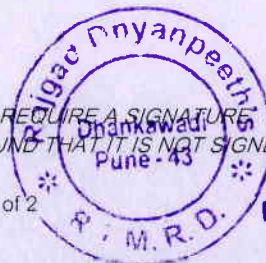
8. Please read and adhere to the enclosed important instructions.

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10. *The chairman should produce his order while submitting question papers to strong room section.*

I seek your co-operation.

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H. B. Bharati
Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune - 411043

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
Fax : 020-25621441
Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 11:0



21021700306

Dr. Rohan Prabhakar Dahivale

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Entrepreneurship Development (GE-UL- 03) , MBA 2019 Pattern (Sem - I)	Shaikh Atik Asgar MCE Society Allana Institute of Management Sciences Pune Addr: 2390 BKB Hidaytulah Road Azam Campus Pune Ta: Pune (corporation Area) Dist: Pune	
Appt NO. 20224884	BOS:Organisation Management, Legal & Economics Environment	(3 Ques. Paper Set compulsary)	9823585811	



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2010 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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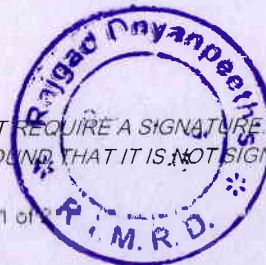
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Dr. D. B. Bharati
Dr. D. B. Bharati
Director

**Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043**

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
Fax : 020-25621441
Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 01:40



21021600990

Dahivale Rohan Prabhakar

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Logistics Management (305 OSCM) , (2019 Pattern) Sem III	Chourasiya Dr Ravi Harendra Dr.D.Y.Patil Educational Federation Dr.D.Y.Patil Institute Management and Entrepreneur Development Addr: S NO 27/A/1/2K NEAR TALEGAON RAILWAY STATION TALEGAON A/P VARALE Ta: Mawal Dist: Pune 8407991877	
Appt NO. 20235451	BOS:Production Operation Service Management	, (3 Ques. Paper Set compulsary)		



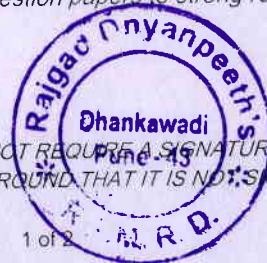
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Dr. D. B. Bharati
Director
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Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

Phone : 020-25621440/25621447
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in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year, 2020

22/02/2021 01:4



21021601237

Dahivale Rohan Prabhakar

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Services Operations Management - I (SC - OSCM -01) , MBA 2019 Pattern (Sem - II)	Swami Vivek Iresh Sinhgad Technical Education Society Sinhgad Institute of Business Administration and Research Addr: Kondhava Bu Saswad Road Ta: Haweli (excluding Corporation Area) Dist: Pune 9325663233	
Appt NO. 20235483	BOS:Production Operation Service Management	, (3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 201 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

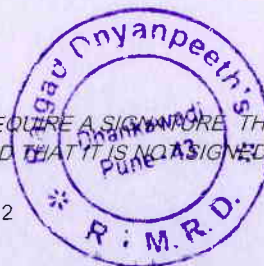
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1 of 2



Dr. D. B. Bharati
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Rajgad Dnyanpeeth's
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
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Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 07:0



21021700268

Dahivale Rohan Prabhakar

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@rediffmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	PGDBM - 2013 (Theory)	Paper-Management Information Systems (2013) (402) , sem-IV (3 Set Qust. Paper compulsory)	Mulla Zameer Ahmed Sharifoddin Sinhgad Technical Education Society Sinhgad Institute of Management Addr: Survey No 44/1 Vadgav Bu Off Sinhgad Road Pune Ta: Haweli(excluding Corporation Area) Dist: Pune	9822406631
Appt NO. 20224546	BOS:Organisation Management, Legal & Economics Enviornment	(3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2010 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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1 of 2



Dr. D. B. Bharati
Director
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Rajgad Institute of Management
Research and Development
Dhankawadi Pune 411043

Savitribai Phule Pune University

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CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 01:0



21021601219

Dahivale Rohan Prabhakar

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter	M.B.A. (Sem. I to IV)	Paper-Operations Strategy and Research (403 OPE) , Sem IV 2016 Pattern (3 Set Qust. Paper compulsory)	Suryawanshi Pravin Balasaheb Dr. Vithalrao Vikhe Patil Foundation IBMRD Addr: Vadgaon Gupta (Viladghat)Post-M.I.D.C. Ta: Ahmednagar Dist: Ahmednagar 9822452677	
Appt NO. 20225101	(Theory) BOS:Production Operation Service Management	, (3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 201 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

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Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

First half of the year,2020

16/09/2020 03:00



20091600057

Dahivale Rohan Prabhakar

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9921613494

Email : rohandahivale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter	M.B.A. (Sem. I to IV)	Paper-Operations Strategy and Research (403 OPE) , Sem IV 2016 Pattern (3 Set Qust. Paper compulsory)	Suryawanshi Pravin Balasaheb Dr. Vithalrao Vikhe Patil Foundation IBMRD Addr: Vadgaon Gupta (Viladghat)Post-M.I.D.C. Ta: Ahmednagar Dist: Ahmednagar 9822452677	Theory Exam 24.04.20 P.S. Meetings 13.02.20 To 15.02.20 Manuscript Submission 15.02.20
Appt NO. 20139513	(Theory) BOS:Production Operation Service Management	, (3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2016 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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1 of 2

Dr. D. B. Bharati
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Rajgad Institute of Management
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Dhankawadi, Pune-411043

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CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

17/04/2021 01:0



21041700006

Warale Prajakta Nilesh

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune
Mobile No. : 9673362221 Email : prajaktawarale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Basic Business Analytics Using R (SC - BA - 01) , MBA 2019 Pattern (Sem - II)	Lone Huma Umar Suryadatta Education Foundation, Pune Suryadatta Institute of Management & Mass Communication Addr: Saraswati S No 342 Chandni Chowk Pashan Road Besides DSK Ranwara Bavdhan-Bk Pune-21 Ta: Mulashi Dist: Pune 9881735821	
Appt NO. 20223690	BOS:Computer Management	, (3 Ques. Paper Set compulsory)		



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7. The TA/DA will be paid only to those paper-setters who will attend the meeting of the paper-setters on the invitation from the concerned chairman. **Travel by car for attending meeting is not allowed.**
8. Please read and adhere to the enclosed important instructions.
9. *Chairman of old pattern courses like B.A / M.A / B.Com / M.Com 2013 pattern shall be set their question papers as per equivalences.*
10. *The chairman should produce his order while submitting question papers to strong room section.*

I seek your co-operation.

Thanking You

THIS IS A COMPUTER-GENERATED DOCUMENT AND IT DOES NOT REQUIRE SIGNATURE. THIS DOCUMENT SHALL NOT BE INVALIDATED SOLELY ON THE GROUND THAT IT WAS NOT SIGNED.

1 of 2



Yours,
Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
Fax : 020-25621441
Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

First half of the year,2020



20091500057

15/09/2020 09:00

Warale Prajakta Nilesh

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9673362221

Email : prajaktawarale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	M.B.A. (Sem. I to IV) (Theory)	Paper-Social Entrepreneurship (403 ED) , SEM IV 2016 Pattern (3 set question paper compulsory)	Golhar Devidas G Sinhgad Technical Education Society Sinhgad Institute of Management Addr: Survey No 44/1 Vadgav Bu Off Sinhgad Road Pune Ta: Haweli(excluding Corporation Area) Dist: Pune 9922535686	Theory Exam 24.04.20 P.S. Meetings 13.02.20 To 15.02.20 Manuscript Submission 15.02.20
Appt NO. 20139072	BOS:Organisation Management, Legal & Economics Enviornment	(3 Ques. Paper Set compulsory)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2016 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action. In case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college, community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.

- Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.
- If required, you will be called by the Director, Central Assessment Programme for Central Assessment.
- Please intimate the Director, Board of Examination and Evaluation, Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.
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- The chairman should produce his order while submitting question papers to strong room section.

I seek your co-operation.

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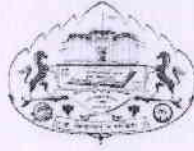


Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

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in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020



21041700008

17/04/2021 01:00

Dr (Mrs). Prajakta Nilesh Warale

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9673362221

Email : prajaktawarale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Digital Business (GC-06) , MBA 2019 Pattern (Sem - I)	Marathe Milind Anil Yashaswi Education Sociey International Institute of Management Science Addr: 169/1/A Opp Elpro International Ta: Haweli(excluding Corporation Area) Dist: Pune 9822885236	
Appt NO. 20223639	BOS:COMPUTER MANAGEMENT	, (3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2010 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution , in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action. In case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college , community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.

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Thanking You

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Yours,

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

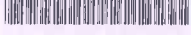
Formerly University Of Pune

Phone :020-25621440/25621447
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in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020



22/02/2021 05:0

21022200018

Warale Prajakta Nilesh

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9673362221

Email : prajaktawarale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Machine Learning & Cognitive Intelligence Using Python (305 BA) , (2019 Pattern) Sem III	Deshpande Vidyut Kaustubh Sinhgad Technical Education Society Sinhgad Business School Addr: Erandwane Pune-4 Ta: Haweli(excluding Corporation Area) Dist: Pune	
Appt NO. J237617	BOS:COMPUTER MANAGEMENT	, (3 Ques. Paper Set compulsary)	9371628915	



- This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 201 and Statutes/ Ordinances, Rule and Regulations framed thereunder.
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1 of 2

Yours,

Dr. D. B. Bharati
Director
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Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

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Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 05:00



21022200018

Warale Prajakta Nilesh

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9673362221

Email : prajaktawarale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Machine Learning & Cognitive Intelligence Using Python (305 BA) , (2019 Pattern) Sem III	Deshpande Vidyut Kaustubh Sinhgad Technical Education Society Sinhgad Business School Addr: Erandwane Pune-4 Ta: Haweli(excluding Corporation Area) Dist: Pune	9371628915
Appt NO. 20237617	BOS:COMPUTER MANAGEMENT	, (3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2010 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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I seek your co-operation.

Thanking You

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1 of 2



Yours,

Dr. D. B. Bhatnagar
Director
Rajgad Dnyanpeeth
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
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Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 05:00



21022200019

Warale Prajakta Nilesh

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9673362221

Email : prajaktawarale@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Advanced Statistical Methods using R (304 BA) , (2019 Pattern) Sem III	Pise Atul Anandrao Sinhgad Technical Education Society Sinhgad Business School Addr: Erandwane Pune-4 Ta: Haweli(excluding Corporation Area) Dist: Pune	9823323219
Appt NO. 20237620	BOS:COMPUTER MANAGEMENT	, (3 Ques. Paper Set compulsary)		



- This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2015 and Statutes/ Ordinances, Rule and Regulations framed thereunder.
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Thanking You

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1 of 2

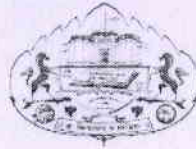


Yours,
Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi Pune-411043

Savitribai Phule Pune University

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CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020



23/03/2021 07:0

21032300009

Kalyankar Manjiri Dattaram

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9373556974

Email : manjiri.kalyankar@rediffmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Contemporary Frameworks in Management (GE - UL - 07) , MBA 2019 Pattern (Sem - II)	Vatharkar Poonam Shripad Maharashtra Education Society MES Institute Of Management And Career Courses Addr: Karve Road, MES Garware Campus, Pune 411004 Ta: Pune (corporation Area) Dist: Pune	9823506072
Appt NO. 20239764	BOS:Organisation Management, Legal & Economics Environment	(3 Ques. Paper Set compulsary)		

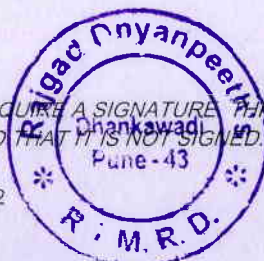


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Dr. D. B. Bharati
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Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

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Phone :020-25621440/25621447

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in

Web : http://www.unipune.ac.in



CO-ORDINATION SECTION

Ganeshkhind, Pune - 411 007

Maharashtra (INDIA)

Second half of the year,2020



21021601798

21/02/2021 09:0

Ranshing Priyanka Kamalrao

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 9168147780

Email : priyaranshing@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MPM-2013/MBA (Human Resource Development)	Paper-Labour Laws - IV (405) , Sem IV (2013 Pattern) (3 Set Qust. Paper compulsory) , (3 Ques. Paper Set compulsary)	Kulkarni Manisha Prasad Audyogik Tantra Shikshan Sanstha Institute of Industrial & Computer Management & Research (IICMR) Addr: HS 2 Sector 27 A Pradhikaran Nigdi Pune Ta: Pimpri Chinchwad (corporation Area) Dist: Pune 9011042367	
Appt NO. 20224386	(Theory) BOS:Human Resources Management			



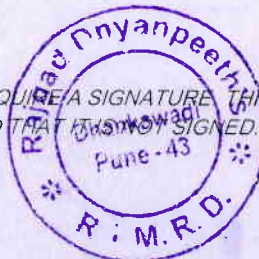
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H. B. Bharati

Dr. D. B. Bharati

Director

**Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043**

Savitribai Phule Pune University

Formerly University Of Pune

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CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020



17/04/2021 01:03

21041700003

Pathak Abhay Anant

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth,
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 7219500712

Email : pathak.abhay20@gmail.com

Sir/ Madam,

The University Authorities have been pleased to appoint you for the Paper-Setters and Moderators, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper-Setters & Moderators	M.B.A. (Sem. I to IV) (Theory)	Paper-Banking Concepts and Operations (305 BIM) , - , (3 Ques. Paper Set compulsory)	Gaikwad Sanjay Sayajirao Pimpri Chinchwad Education Trust Pimpri Chinchwad Engineering College Addr: 26 Sector Nigadi Pradhikarn Pune Ta: Pimpri Chinchwad (corporation Area) Dist: Pune 9422619928	
Appt NO. 20239545	BOS:Financial Management			



- This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 201 and Statutes/ Ordinances, Rule and Regulations framed thereunder.
It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution , in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action.in case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college , community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.
- Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.
- If required, you will be called by the Director, Central Assessment Programme for Central Assessment.
- Please intimate the Director,Board of Examination and Evaluation , Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.
- Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.
- The TA/DA will be paid only to those paper-setters who will attended the meeting of the paper-setters on the invitation from the concerned chairman. **Travel by car for attending meeting is not allowed.**
- Please read and adhere to the enclosed important instructions.
- Chairman of old pattern courses like B.A / M.A / B.Com / M.Com 2013 pattern shall be set their question papers as per equivalences.*
- The chairman should produce his order while submitting question papers to strong room section.*

I seek your co-operation.

Thanking You

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1 of 2



Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
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in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020



22/02/2021 09:0

21021700216

Kakade Madhuri Shivaji

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune
Mobile No. : 7040618986 Email : madhurikakade1990@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	M.B.A. (Sem. I to IV) (Theory)	Paper-Service Performance Management (306 SM) , Sem III 2016 Pattern (3 Set Qust. Paper compulsory)	Dahivale Rohan Prabhakar Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office , Dhankawadi Ta: Pune (corporation Area) Dist: Pune 9921613494	
Appt NO. 20224690	BOS:Organisation Management, Legal & Economics Environment	306 SER Services Performance Management , (3 Ques. Paper Set compulsary)		



- This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 201 and Statutes/ Ordinances, Rule and Regulations framed thereunder.
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- Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.
- If required, you will be called by the Director, Central Assessment Programme for Central Assessment.
- Please intimate the Director,Board of Examination and Evaluation , Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.
- Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.
- The TA/DA will be paid only to those paper-setters who will attended the meeting of the paper-setters on the invitation from the concerned chairman. **Travel by car for attending meeting is not allowed.**
- Please read and adhere to the enclosed important instructions.
- Chairman of old pattern courses like B.A / M.A / B.Com / M.Com 2013 pattern shall be set their question papers as per equivalances.
- The chairman should produce his order while submitting question papers to strong room section.

I seek your co-operation.

THIS IS A COMPUTER-GENERATED DOCUMENT AND IT DOES NOT REQUIRE A SIGNATURE. THIS DOCUMENT SHALL NOT BE INVALIDATED SOLELY ON THE GROUND THAT IT IS NOT SIGNED.



Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

Phone :020-25621440/25621447
Fax : 020-25621441
Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 09:0



21021700216

Kakade Madhuri Shivaji

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune
Mobile No. : 7040618986 Email : madhurikakade1990@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	M.B.A. (Sem. I to IV) (Theory)	Paper-Service Performance Management (306 SM) , Sem III 2016 Pattern (3 Set Qust. Paper compulsory)	Dahivale Rohan Prabhakar Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth Survey No 32-2-12 to 16 Near Dhanakwadi Post office , Dhankawadi Ta: Pune (corporation Area) Dist: Pune 9921613494	
Appt NO. 20224690	BOS:Organisation Management, Legal & Economics Environment	306 SER Services Performance Management , (3 Ques. Paper Set compulsory)		



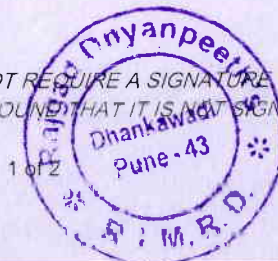
2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 201 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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3. Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.
4. If required, you will be called by the Director, Central Assessment Programme for Central Assessment.
5. Please intimate the Director,Board of Examination and Evaluation , Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.
6. Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.
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Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

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Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 09:0



21021700196

Kakade Madhuri Shivaji

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 7040618986

Email : madhurikakade1990@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	M.B.A. (Sem. I to IV) (Theory)	Paper-Essentials of Family Business Management - I (305 FBM) , Sem III 2016 Pattern (3 Set Qust. Paper compulsory)	Shinde Rajeshwari Indrajeet Sinhgad Technical Education Society Sinhgad Institute of Business Administration and Research Addr: Kondhava Bu, Saswad Road Ta: Haweli (excluding Corporation Area) Dist: Pune 9960197988	
Appt NO. 20224641	BOS:Organisation Management, Legal & Economics Environment	(3 Ques. Paper Set compulsory)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 201 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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3. Please put yourself in communication with your Chairman immediately in regard to the meeting of the paper setting.
4. If required, you will be called by the Director, Central Assessment Programme for Central Assessment.
5. Please intimate the Director, Board of Examination and Evaluation, Savitribai Phule Pune University, Ganeshkhind, Pune 411 007, in case you are holding the other appointments of this University, if any.
6. Any change in the address, phone no., email address etc may please be communicated to both, the Chairman and the Co-ordination Section, Examination Branch, Savitribai Phule Pune University, Ganeshkhind, Pune-7.
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H. B. Bharati

Dr. D. B. Bharati
Director

**Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043**

Savitribai Phule Pune University

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CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 01:41



21021700317

Kakade Madhuri Shivaji

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune

Mobile No. : 7040618986

Email : madhurikakade1990@gmail.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Contemporary Frameworks in Management (GE - UL - 07), MBA 2019 Pattern (Sem - II)	Vatharkar Poonam Shripad Maharashtra Education Society MES Institute Of Management And Career Courses Addr: Karve Road, MES Garware Campus, Pune 411004 Ta: Pune (corporation Area) Dist: Pune. 9823506072	
Appt NO. 20235635	BOS:Organisation Management, Legal & Economics Environment	(3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2013 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

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Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

Savitribai Phule Pune University

Formerly University Of Pune

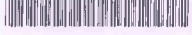
Phone :020-25621440/25621447
Fax : 020-25621441
Email :
ar.coordination@pun.unipune.ac.
in
Web : http://www.unipune.ac.in



CO-ORDINATION SECTION
Ganeshkhind, Pune - 411 007
Maharashtra (INDIA)

Second half of the year,2020

22/02/2021 05:01



21022200014

Kakadedeshmukh Nikhil Sharadchandra

Rajgad Dnyanpeeth Rajgad Institute of Management Research and Development Addr: Rajgad Dnyanpeeth
Survey No 32-2-12 to 16 Near Dhanakwadi Post office Dhankawadi Ta: Pune (corporation Area) Dist: Pune
Mobile No. : 8055744407 Email : nikhil.kd@yahoo.com

Sir/ Madam,

1. The University Authorities have been pleased to appoint you for the Paper Setter and Examiner, in the subject of :-

Post Name	Examination	Paper / Subject	Chairman	Important Dates
Paper Setter & Examiner	MBA 2019 Pattern (Theory)	Paper-Services Marketing (304 MKT) , (2019 Pattern) Sem III	Mancharkar Abhijit Ratnakar All India Shri Shivaji Memorial Society All India Shri Shivaji Memorial Society's Institute of Management Addr: Kenedy Road Pune Ta: Haweli(excluding Corporation Area) Dist: Pune 9730929624	
Appt NO. 20237575	BOS:Marketing Management	, (3 Ques. Paper Set compulsary)		



2. This appointment is based on certain assumptions and subject to respective provisions of Maharashtra Public Universities Act, 2013 and Statutes/ Ordinances, Rule and Regulations framed thereunder.

It shall be obligatory on every teacher and on the non-teaching employee of the University, affiliated, conducted colleges, community colleges or recognized institution to render necessary assistance and service in respect of examination of the university and evaluation of students as prescribed by statutes. If any teacher or non-teaching employee fails to comply with the order of the university or colleges or institution, in this respect, it shall be treated as misconduct and the employee shall be liable for disciplinary action. In case of failure on the part of the teacher or non-teaching employee of any affiliated college, conducted college, community college or recognized institution, to comply with the order of the university in this respect, the vice-chancellor shall have power to take an appropriate action against them, which may include imposing penalties including suspension of approval to the appointment of a teacher, as may be prescribed by Statutes.

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Thanking You

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1 of 2



Yours,

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-411043

दूरध्वनी क्रमांक :

०२०-२५६२११८८

२५६२११५६

२५६२११५७

२५६२११६१



##21120001

सावित्रीबाई फुले पुणे विद्यापीठ

(पूर्वीचे पुणे विद्यापीठ)



टेलिग्राफ : 'युनिपुणे'

फॅक्स : ०२०-२५६९१२३३

वेबसाइट : www.unipune.ac.in

ई-मेल : affiliation@pun.unipune.ac.in

शैक्षणिक विभाग
गणेशखिंड, पुणे-४११००७.

जावक क्र. :CA/LIC/२१/PU/ACS/१५२

जावक दि. :१६/१२/२०२१

प्रती,

१. **Prof. Mr Dadas Anandrao Bhanudas**
(Chairman)
Modern Education Society Neville Wadia
Institute of Management Studies &
Research Addr: 19 Prin V K Joag path
Wadia college campus Pune-1 Ta: Pune
(corporation Area) Dist: Pune
Email ID -drdadas.10@gmail.com
Mobile No.-9423023636

२. **Prof. Dr Pawar Satish Narendra**
Audyogik Shikshan Mandal Institute of
Business Management and Research Addr:
MIDC Block C Chinchwad Pune Ta: Haweli
(excluding Corporation Area) Dist: Pune
Email ID -satishmanoj@rediffmail.com
Mobile No.-9766347359

३. **Prof. Dr (Mrs) Warale Prajakta Nilesh**
Rajgad Dnyanpeeth Rajgad Institute of
Management Research and Development
Addr: Rajgad Dnyanpeeth Survey No 32-2-
12 to 16 Near Dhanakwadi Post office
Dhankawadi Ta: Pune (corporation Area)
Dist: Pune
Email ID -prajaktawarale@gmail.com
Mobile No.-9673362221

४. **Prof. Mr Malkar Vinod Ramchandra**
Sanjivani Rural Education Society Sanjivani
College OF Engineering Addr: Sahajanand
Nagar PostSignapur Ta: Kopargaon Dist:
Ahmednagar
Email ID -vinod.malkar@gmail.com
Mobile No.-9421582726

विषय :- शैक्षणिक वर्ष २०२२-२०२३ पासून अभ्यासक्रम / विद्याशाखा / तुकडी / महाविद्यालय / परिसंस्था बंद करण्यासंदर्भातील चौकशी समितीच्या नियुक्तीबाबत.....

महोदय/ महोदया,

उपरोक्त विषयासंदर्भातील प्राप्त प्रस्तावाबाबत विद्यापीठ अधिकार मंडळाने घेतलेल्या निर्णयानुसार आपणांस कळविण्यात येते की, पुढील विवरणात नमूद केलेले अभ्यासक्रम / विद्याशाखा / तुकडी / संलग्न महाविद्यालय / मान्यताप्राप्त परिसंस्था शैक्षणिक वर्ष २०२२-२०२३ पासून टप्प्याटप्प्याने बंद करण्यास महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ चे कलम १२१ नुसार परवानगी देण्यात यावी किंवा कसे याचे निर्धारण व निर्णय करण्यासाठी आपली चौकशी समिती नियुक्त करण्यात येत आहे.



महाविद्यालय/संस्थेचे नाव	शैक्षणिक वर्ष	संलग्निकरणाचा प्रकार	अभ्यासक्रम	विद्यार्थी प्रवेश क्षमता
सुभद्रा एजुकेशनल सोसायटी एस एन बी पी कॉलेज ऑफ आर्ट्सकॉमर्ससायन्स अँड मॅनेजमेंट स्टडीज पत्ता: संत ज्ञानेश्वर नगर मोरवाडी पिंपरी ता.: पिंपरी चिंचवड (महानगर पालिका हद्द) जि: पुणे पिनकोड: 411018 महाविद्यालयाचा दूरध्वनी क्र. - ०२०२७४८८६२८ प्राचार्यांचे नाव - डॉ. डी. के. भोसलें भ्रमणध्वनी क्र. - ९७६७१०५०००	२०२२-२०२३	अभ्यासक्रम बंद	वाणिज्य व व्यवस्थापन - पी. जी. डिप्लोमा इन मटेरियल अँड लजिस्टिक्स मॅनेजमेंट (पी.जी.डी.एम.एल.एम.)	६०
			वाणिज्य व व्यवस्थापन - पी.जी. डिप्लोमा इन विझनेस मॅनेजमेंट (पी.जी.डी.बी.एम.)	६०

तरी सदरचे पत्र प्राप्त झाल्यानंतर उपरोक्त महाविद्यालयास / परीसंस्थेस प्रत्यक्ष भेट देऊन उक्त विवरणात नमूद केलेले अभ्यासक्रम / विद्याशाखा / तुकडी / संलग्न महाविद्यालय / मान्यताप्राप्त परिसंस्था शैक्षणिक वर्ष २०२२-२०२३ पासून टप्प्याटप्प्याने बंद करण्यास महाराष्ट्र सार्वजनिक विद्यापीठ अधिनियम, २०१६ चे कलम १२१ नुसार परवानगी देण्यात यावी किंवा कसे याबाबत स्पष्ट शिफारशीसह आणि समिती अध्यक्ष व सदस्यांच्या स्वाक्षरीसह हे पत्र निर्गमित झाल्याच्या तारखेपासून आठ (८) दिवसांच्या आत अहवाल सादर करण्यात यावा.

संबंधित अभ्यासक्रमास / विद्याशाखेस / तुकडीस / संलग्न महाविद्यालयातील / मान्यताप्राप्त परीसंस्थेतील प्रवेशित विद्यार्थी, पुनर्परीक्षार्थी आणि नियुक्त अध्यापक व अध्यापाकेतर कर्मचारी यांचे नियोजन तसेच त्यांना आवश्यक त्या शैक्षणिक सुविधा पुरविणे आणि त्यांचे दायित्व पत्करणे याबाबतचे त्याचप्रमाणे लागू होत असल्यास, संबंधित इमारती, साधनसामग्री यांच्या रूपात असलेली मत्ता, अनुदाने इत्यादीच्या विनियोगाबाबतचे उपरोक्त महाविद्यालयाच्या / परीसंस्थेच्या व्यवस्थापन संस्थेचे अध्यक्ष / सचिव व महाविद्यालयाचे प्राचार्य / परीसंस्थेचे संचालक यांचे रुपये ५००/- च्या स्टॅम्पपेपरवरील नोंदणीकृत हमीपत्र (Notarized/Registered Undertaking) उपरोक्त महाविद्यालयाकडून / परीसंस्थेकडून प्राप्त करून घेऊन ते सदरबाबतच्या अहवालासोबत सादर करावे.

विद्यापीठ नियमानुसार आपणास विद्यापीठाचे वाहन उपलब्ध करून हवे असल्यास कमीत कमी तीन सदस्यांनी एकत्रित भेट देणे आवश्यक आहे. तसेच वाहनविषयक मागणी प्रत्यक्ष भेट देण्यापूर्वी कमीत कमी आठ दिवस अगोदर लेखी स्वरूपात करणे आवश्यक आहे.

आपणास काही कारणाने सदर समितीवर काम करणे शक्य होत नसल्यास, कृपया हे पत्र मिळताच विद्यापीठास तसेच सदर चौकशी समितीचे मा. अध्यक्ष यांना त्वरित कळवावे. जेणेकरून याविषयी विद्यापीठास पुढील कार्यवाही करणे शक्य होईल.

कृपया अहवालासोबत हे पत्र जोडावे. तसेच प्रवासभत्ता देयके एकत्रित पाठवावीत.

कळावे,

आपला,

(स. द. डावखर)
उपकुलसचिव
संलग्नता कक्ष



प्रत माहिती व आवश्यक त्या कार्यवाहीसाठी सादर रवाना :-

- १) अ) मा. अध्यक्ष / सचिव,
संबंधित संलग्न महाविद्यालयांच्या / मान्यताप्राप्त परीसंस्थांच्या व्यवस्थापन संस्था
- ब) मा. प्राचार्य / संचालक, संबंधित संलग्न महाविद्यालय / मान्यताप्राप्त परिसंस्था
यांना विनंती की, सदर समितीच्या प्रत्यक्ष भेटीच्या वेळी सदरहू समितीस आवश्यक व योग्य ती कागदपत्रे दाखवून समितीस सहकार्य करावे. तसेच सदर पत्र प्राप्त होताच सदर समितीचे अध्यक्ष व इतर सदस्य यांचेशी त्वरीत संपर्क साधून भेटीची तारीख निश्चित करून घ्यावी व चौकशी समितीने भेट दिल्यानंतर अहवाल या विभागाकडे सादर करण्याबाबत वेळोवेळी मदत करण्यात यावी.
- २) मा. वित्त व लेखा अधिकारी, सावित्रीबाई फुले पुणे विद्यापीठ, पुणे-०७.
- ३) मा. सहायक कुलसचिव, गृहव्यवस्थापन विभाग, सावित्रीबाई फुले पुणे विद्यापीठ, पुणे-०७





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**Rajgad Institute of Management
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Faculty Development Programmes on outcome Based Education

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff

Dates (from-to) (DD-MM-YYYY)	Title of the professional development program organised for teaching staff	Title of the administrative training program organised for non-teaching staff	No. of Participants
22-10-2021 to 22-10-2021	National Webinar on Data Visualisation Tool-Tableau	Nil	65
23-09-2021 to 23-09-2021	FDP on Course Framework & Formulation of PSOs	Nil	12
26-03-2021 to 26-03-2021	Webinar on Cyber Security	Webinar on Cyber Security	66
10-02-2021 to 10-02-2021	Webinar on Management by Bhagvatgita	Webinar on Management by Bhagvatgita	20
28-12-2020 to 28-12-2020	FDP on Effective Research paper writing and Publication in High quality UGC Care listed Journals	Nil	100
12-09-2020 to 12-09-2020	FDP On The future of Data and Analytics:-Tale and Trends from Centre to Edge	Nil	46



Dr. Prajakta Warale
Coordinator-IQAC

IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043



Dr. Rohan Dahiwal
HOD




Dr. D. B. Bharati

Director

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
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**6.3.3 Average number of professional development /administrative training programs
organized by the institution for teaching and non teaching staff during the year 2020-21**

Sr. No.	Programme Name	Attachments
1	National Webinar on Data Visualisation Tool-Tableau	Event Report Brochure Speaker Profile Screenshots Registration Sheet Feedback of webinar Remuneration payment details Letter of invitation and appreciation
2	FDP on Course Framework & Formulation of PSOs	Event Report Geo tag Photos Attendance sheet Outcome of FDP
3	Webinar on Cyber Security	Event Report Registration sheet Screenshots Email correspondence
4	Webinar on Management by Bhagvatgita	Event Report Speaker Profile Screenshots
5	FDP on Effective Research paper writing and Publication in High quality UGC Care listed Journals	Event Report Brochure Speaker Profile Screenshots Registration Sheet Feedback of webinar Remuneration payment details Letter of invitation and appreciation
6	FDP On The future of Data and Analytics:-Tale and Trends from Centre to Edge	Event Report Brochure Speaker Profile Screenshots Registration Sheet Feedback of webinar Remuneration payment details Letter of invitation and appreciation





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Business Analytics House Activity Report

Academic Year-2021-22



Rajgad Dnyanpeeth's
RAJGAD INSTITUTE OF MANAGEMENT RESEARCH AND
DEVELOPMENT, PUNE-43



National Level Webinar

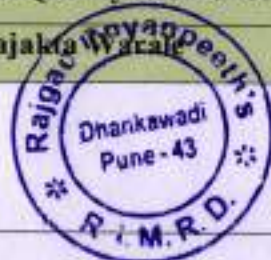
DATA VISUALISATION TOOL - TABLEAU

22nd October 2021

Resource Person: Dr. Huma Lone

Data Mining & Artificial Intelligence Expert
Faculty - Suryadatta Group of Institutes

Name of Programme	National Level Webinar on Data Visualisation Tool: Tableau
Day and Date	22 nd October 2021, 10am – 1pm
Venue	Online platform, Google Meet
Name of Resource Persons	Dr. Hume Lone, Data Anaytics, Data Mining and Artificial Intelligence Expert, Faculty-Suryadatta Group of Institute
Name of Cell	Internal Quality Assurance Cell/ Business Analytics House
Name of Coordinator	Dr. Prajakta Wagle





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**National Level Webinar on Data Visualisation Tool: Tableau
22nd October 2021, 10am – 1pm**

Institute has organised One Day National Webinar on "Data Visualisation Tool: Tableau" on 22nd October, 2021 from 10 am to 1pm.

Objectives of the Webinar:

1. To learn Data Visualisation using Tableau
2. To study how to create dashboards in Tableau
3. To be trained how to create story telling in Tableau
4. To gain knowledge of difference between Tableau Desktop and Tableau public software version
5. To understand regarding different certification courses

Description of Webinar:

Tableau is a powerful and fastest growing data visualization tool used in the Business Intelligence Industry. It helps in simplifying raw data in a very easily understandable format. Tableau helps create the data that can be understood by professionals at any level in an organization. Keeping in pace with the latest technology, Internal Quality Assurance Cell (IQAC) in association with Business Analytics House has organised National Webinar on "Data Visualisation Tool: Tableau".

Total Students Participants: 65

The webinar started with welcome address given by Dr. Prajakta Warale, Coordinator – IQAC. She gave brief introduction of the Resource Person. At the beginning of the webinar Dr. Huma Lone gave detail introduction of Tableau software, its importance in data visualisation, what is dataset? How important is data visualising for business organisation.





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Later in her session , she spoke on how to create simple and interactive dashboards. She explained regarding different types of dashboards, different editing options in terms of colour, images and types of dashboards.

She demonstrated the visualisation of tableau charts, pareto charts, how to create dashboards, how to apply various colour schemes in dashboards etc.

In the last session, she discussed regarding story telling through Tableau. How data stories can be used to communicate with decision makers, and how your data stories can be used to impact lasting change in the world.

Further she used sales dataset for creating story and explained step by step how to create effective story and presentations. Overall the session was highly appreciated by all students.

At the end the feedback form was shared to all participants . The webinar was concluded with vote of thanks.

Outcome:

1. Students learned regarding importance of Data Visualisation .
2. Students studied how to create dashboards in Tableau
3. Students learned how to create story telling in Tableau
4. All participants got knowledge of difference between Tableau Desktop and Tableau public software version

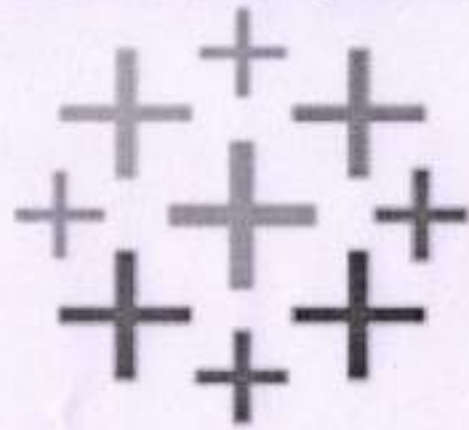
Dr. Prajakta Warale
Coordinator - IQAC
IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

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Director
Rajgad Dnyanpeeth's
Rajgad Institute Of Management
Research And Development
Dhankawadi, Pune- 43



IQAC Initiative
Business Analytics House



+ a b l e a u

Webinar on "Tableau"

FRIDAY , 10AM - 1PM

Webinar Link: meet.google.com/hje-jgdt-uue

RESOURCE PERSON: DR.HUMA LONE

**DATA MINING AND ARTIFICIAL INTELLIGENCE EXPERT,
FACULTY - SURYADATTA GROUP OF INSTITUTES**



**Rajgad Institute of Management Research
and Development, Dhankawadi, Pune-43**





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DEVELOPMENT, PUNE-43



National Level Webinar

DATA VISUALISATION TOOL - TABLEAU 22nd October 2021

Resource Person: Dr. Huma Lone
Data Mining & Artificial Intelligence Expert
Faculty - Suryadatta Group of Institutes

Important Links for the Webinar

Link for Registration form: <https://forms.gle/xGrpsXDfnZg6dbB78>

Link for the webinar: <http://meet.google.com/hje-jgdt-uee>

Link for the Feedback form: <https://forms.gle/qRGVDFnGxTuY8eWb7>



Speaker Profile

Dr. Huma Lone has 14 years of work experience. Her experience spans 12 years in teaching and 2 years in business development & project administration. Her expertise is in **Business Analytics and Machine Learning**. Her qualifications are:

- **Ph.D.** in Computer Management
- **M.B.A.** in Computer Management
- **B.E.** Electronics

Dr. Huma is certified in the following areas:

- Tableau 2019, 2018 & 10: Qualified associate certification
- Regression, Data Mining, Text Mining and Forecasting using R Programming
- Machine Learning using Python
- Google Analytics for Beginners
- Advance Google Analytics
- Google analytics for Power Users
- Getting Started with Google Analytics 360
- Introduction to Data Studio
- Google Tag Manager Fundamentals
- Digital Business
- E-Business (**NPTEL Online Certification**)
- Business Analytics & Data mining modelling using R Part II (**NPTEL Online Certification**)
- Microsoft Excel -Excel from Beginner to Advanced

Dr. Huma has published 15 research papers in various national & international conferences & journals. She accomplished SPPU sponsored project. She has contributed to content development and FDPs of IT and Business analytics subjects of SPPU & has provided assistance in operational support to university related work.

She has been awarded with **The Gold Medal – “Murty Prize for Excellence”** in M.B.A.



Resource Person



- 14 years of work experience
- Her experience spans 12 years in teaching and 2 years in business development & project administration.
- Expertise is in **Business Analytics and Machine Learning**.
- **Certified in Tableau ,Data Mining, Machine Learning using Python, Google Analytics**
- 15 research papers National & International Conferences & Journals

Dr. Huma Lone
Ph.D., M.B.A., B.E.

TABLEAU

POWERED BY DATA

BY DR. HUMA LONE

WHAT IS TABLEAU?

Tableau is a powerful and fastest growing data visualization tool used in the Business Intelligence

- Simple Drag and Drop functionality
- Allows the users to design Charts, Maps, Tables, Pivot reports, Stories and Dashboards without any technical knowledge/Programming Skills
- Connects and extracts the data source in various places
- Can pull data from any database imaginable

A simple database such as an excel, pdf, to a complex database like Oracle, a database is the cloud



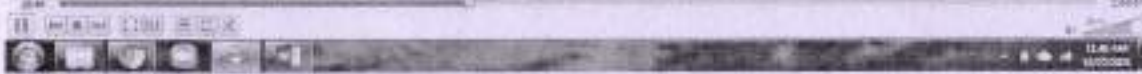
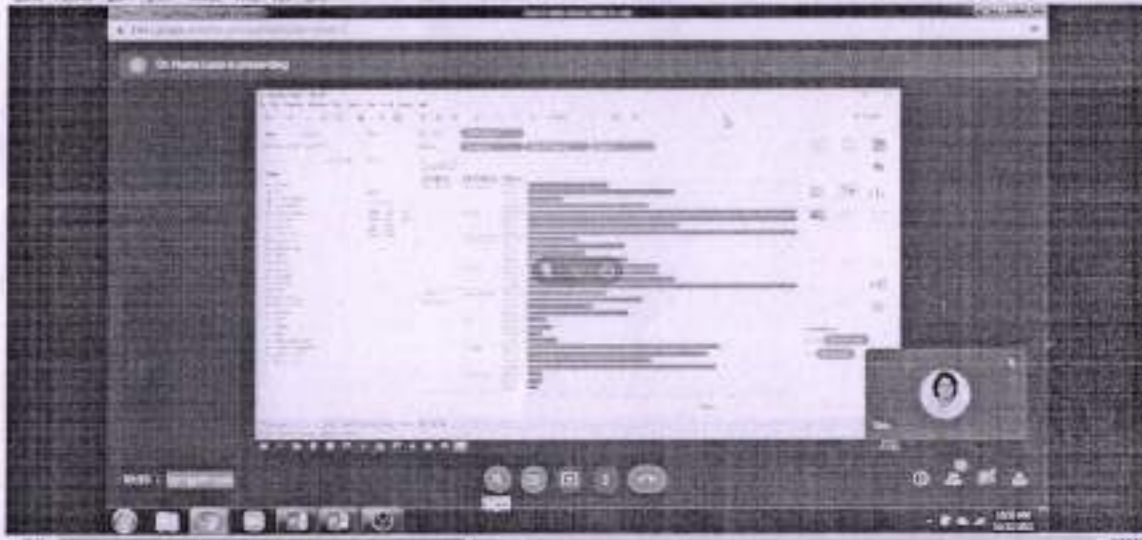
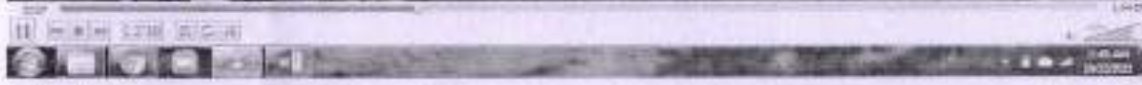


TABLEAU CERTIFICATION

- <https://www.tableau.com/learn/certification>
- Specialist Desktop
- Certified Associate
- Certified Professional
- Certified Associate Server
- Certified Professional Server

The slide is part of a video presentation. A small video window in the bottom right corner shows a person's face. The background is dark with a light-colored wavy border on the left side.

DIFFERENT CHARTS

- Bar charts
- Pareto Chart
- Bullet Chart
- Bar Chart
- Line chart
- Text Tables
- Heat Map
- Different Maps
- Gantt chart
- Pie Chart
- Scatter Plot
- Area Chart
- Dual Axis Chart
- Bubble Chart
- Histogram
- Waterfall Chart
- Funnel chart & Advanced Funnel

The slide is part of a video presentation. A small video window in the bottom right corner shows a person's face. The background is dark with a light-colored wavy border on the left side.

PLACES FOR PUBLISH

- DESKTOP
- TABLET
- MOBILE PHONE

The slide is part of a video presentation. A small video window in the bottom right corner shows a person's face. The background is dark with a light-colored wavy border on the left side. Each device name is accompanied by a circular icon: a desktop monitor for 'DESKTOP', a tablet for 'TABLET', and a mobile phone for 'MOBILE PHONE'.



Dr. Hameed Larejo is presenting

TOP 5 BUSINESS INTELLIGENCE TOOLS

1

10:57 | 10/26/2020

Dr. Hameed Larejo is presenting

TABLEAU DESKTOP

- Personal Edition - \$35 per month
- Professional Edition - \$70 per month
- Connect to any data source files including databases, web applications and more
- Data and Visualizations are secured
- Data can be extracted from various data sources and stored as Tableau extract file

TABLEAU PUBLIC

- Free and Open Source
- Connect to Excel and text files
- Data and visualizations are not secured as it is available in public
- Personal level
- Data cannot be obtained from different data sources as it is limited to connect only excel and text files

Source: <https://www.tableau.com/learn/articles/edition>

11:00 | 10/26/2020

DOWNLOAD AND INSTALL TABLEAU DESKTOP

Dr. Hameed Larejo is presenting

DESKTOP VS PUBLIC

TABLEAU DESKTOP

- Personal Edition - \$35 per month
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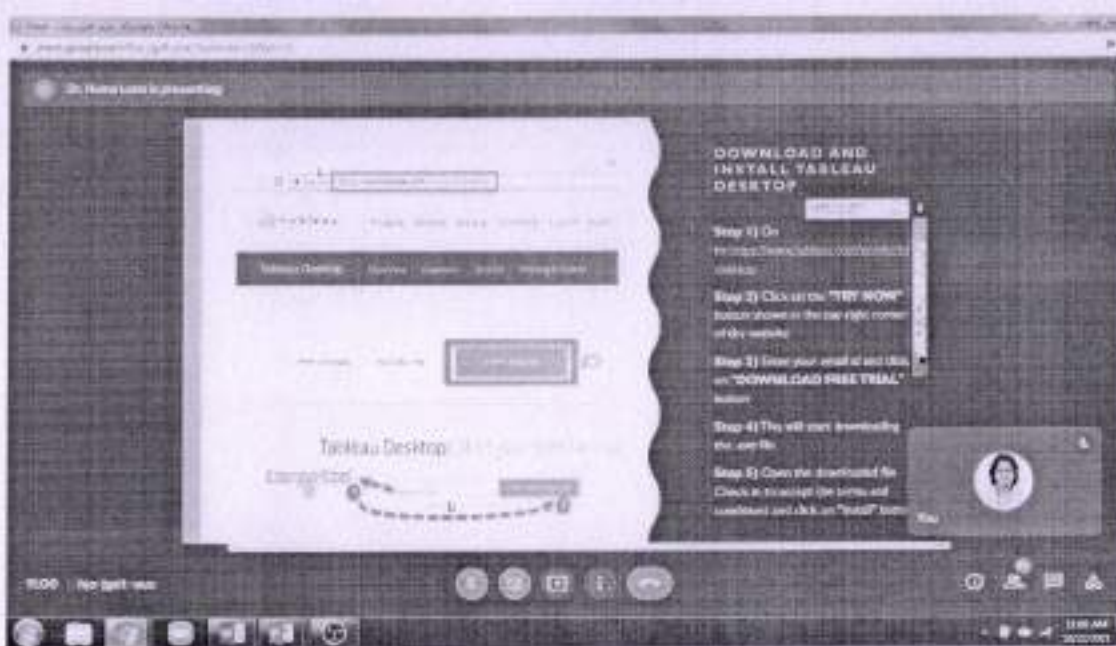
TABLEAU PUBLIC

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Source: <https://www.tableau.com/learn/articles/edition>

11:00 | 10/26/2020





P. Warale

Dr. Prajakta Warale
Coordinator-IQAC

IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043



H. Bharati

Dr. D. B. Bharati

Director
Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute Of Management
Research And Development
Dhankawadi, Pune- 43

Registration form for Webinar on Data Visualisation Tool- Tableau

Date: 22nd October 2021

Timestamp	Username	Name of the student	Roll No.	Specialisation	Name of the institute
2021/10/20	rupali.abhang@rediffmail.com	Abhang Rupali Mahendra	A 2002	HRM	RIMRD
2021/10/20	waruleprachi@gmail.com	Prachi Sanjay Warule	B-2063	Business analytics	RIMRD
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2021/10/20	rutujawalke24@gmail.com	Rutuja Rahul Walke	B-2062	Finance	RIMRD
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2021/10/21	rahulpandule1993@gmail.com	Rahul Pandule	B-2029	Marketing	RIMRD
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2021/10/21	chaitanyapingat54@gmail.com	Chaitanya Rajendra Pingat	54	Finance	Sharad chandra pawar institute of management otur
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2021/10/22	rohitkshirsagar5444@gmail.com	Rohit Kshirsagar	MBA202023	Ba	Camp education society's RMD institute of management
2021/10/22	vaishalikamble480@gmail.com	Vaishali kamble	38404	Marketing management	Sharad chandra pawar institute
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Prasale

Feedback Analysis of Webinar

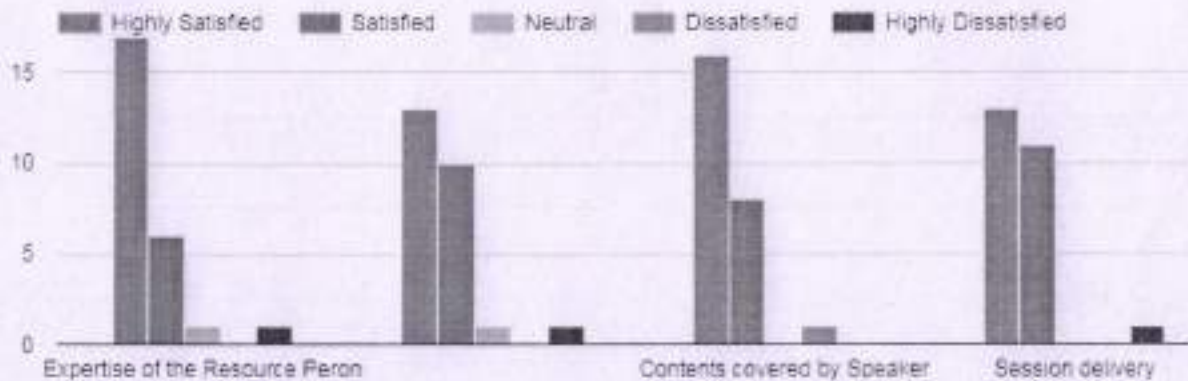
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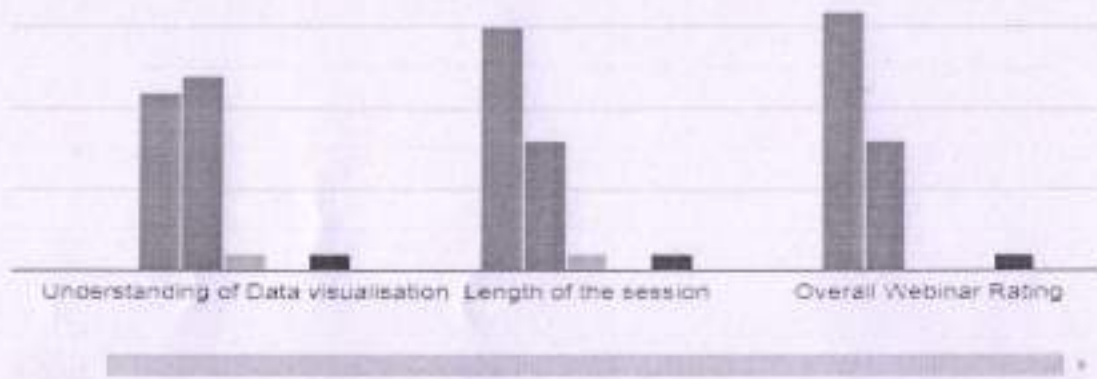
1. Expertise of the Resource Person
2. Demonstrations on Tableau
3. Contents covered by Speaker
4. Session delivery
5. Understanding of Data visualisation
6. Length of the session
7. Overall Webinar Rating

Columns

- Highly Satisfied
- Satisfied
- Neutral
- Dissatisfied
- Highly Dissatisfied
- Add column

Please provide your feedback





Dr. Prajakta Warale
Coordinator-IQAC

P. Warale
IQAC Coordinator
Rajgad Dnyanpeeth's
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Feedback of National Webinar on Data Visualisation Tool: Tableau

Date: 22nd October 2021

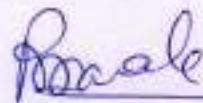
Timestamp	Name of the Participant	Name of the College/Institute	Please provide your feedback	Please provide your feedback	Please provide your feedback	Please provide your feedback	Please provide your feedback
2021/10/22	Rushikesh Dhole	RIMRD	Highly Satisfied	Satisfied	Satisfied	Satisfied	Highly Satisfied
2021/10/22	Shivani Ajmire	RIMRD	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied
2021/10/22	Patil Nishant Suresh	Rajgad Institute of Management	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Satisfied
2021/10/22	Prajakta Aswar	Sharadchandra Pawar Institute of	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Rohit Kshirsagar	Camp education society's RMD	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	NAIK DURGA	RIMRD	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied
2021/10/22	Kshitija Ghevde	Rasiklal M.Dhariwal institute of m	Highly Satisfied	Highly Satisfied	Highly Satisfied	Satisfied	Satisfied
2021/10/22	Vaishali kamble	Shradchandra pawar institute	Highly Dissatisfied	Highly Dissatisfied	Dissatisfied	Highly Dissatisfied	Highly Dissatisfied
2021/10/22	Dr. Asita Ghewari	Camp Education Society's Rasiklal	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Shinde Chhaya Ravindra	Sharadchandra pawar institute of	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Komal Athawale	Camp Education Society's, Rasiklal	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Shweta Datta Sonawane	Camp education society rasiklal M	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Rutuja Rahul Walke	Rajgad Institute of Management	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Shreya Shridatta Gaikwad	Rajgad Institute of Management	Highly Satisfied	Highly Satisfied	Highly Satisfied	Satisfied	Satisfied
2021/10/22	Bhushan Birari	RIMRD pune	Highly Satisfied	Satisfied	Highly Satisfied	Satisfied	Highly Satisfied
2021/10/22	Bhoomika Gujar.	RIMRD	Highly Satisfied	Satisfied	Highly Satisfied	Satisfied	Satisfied
2021/10/22	Manjiri D. Kalyankar	RIMRD	Satisfied	Satisfied	Satisfied	Highly Satisfied	Satisfied
2021/10/22	Musale Vaibhav	Rajgad Institute of Management	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Prachi Sanjay Warule	RIMRD	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied
2021/10/22	Chintan namdeo Mali	Rajgad Institute of Management,	Highly Satisfied	Satisfied	Satisfied	Satisfied	Satisfied
2021/10/22	Shrikant Hande	Rajgad institute of management	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Satisfied
2021/10/22	Adesh Kamble	RIMRD	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied
2021/10/22	Abhang Ruchi Mahendra	Rajgad Institute of Management a	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied	Highly Satisfied
2021/10/22	Pangalwar Bhagwat	RIMRD	Satisfied	Satisfied	Satisfied	Satisfied	Satisfied
2021/10/22	Raskar Akshada Bhausaheb	RIMRD	Neutral	Neutral	Highly Satisfied	Highly Satisfied	Neutral




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Satisfied	Satisfied
Highly Satisfied	Highly Satisfied
Highly Satisfied	Highly Satisfied
Highly Satisfied	Highly Satisfied
Satisfied	Satisfied
Neutral	Satisfied
Highly Dissatisfied	Highly Dissatisfied
Highly Satisfied	Highly Satisfied
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Highly Satisfied	Highly Satisfied
Satisfied	Satisfied
Highly Satisfied	Highly Satisfied
Satisfied	Satisfied
Highly Satisfied	Satisfied



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Dr.(Mrs.) Bhagyashri Patil
Hon. Secretary

Mr. Anantrao Thopte
Hon. Founder President
Ex - Education Minister

Date: 22/10/2021

To,
Dr. Huma Lone
Assistant Professor &
Program Coordinator - Business Analytics,
Suryadatta Group of Institutes.

Sub:- Letter for Appreciation.

Dear Madam,

We are grateful to you for gracing National Level Webinar as a Resource Person on the topic
"Data Visualization Tool -Tableau" which was held on 22nd October 2021.

We express our sincere gratitude for delivering a very informative and demonstrative session on
how to create dashboards, visualize data and learn story telling in Tableau.

We look forward to a successful academic association in future. Your valuable contribution for
the webinar is highly appreciated.

Thanking you.

Warm Regards,

Dr. D. B. Bharati

Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
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20/10/2021

For Approval...

Subject: Approval of Webinar on the topic Tableau.

As per above mentioned subject, the institute is planning to organize Webinar on latest technology "Data Visualization using Tableau" under Business Analytics House.

Sr. No.	Name of Programme	Audience	Expenses	Duration
1	National Webinar on Data Visualization using Tableau	All students of RIMRD and Internal Faculty Members	1500/-	1,5 Hrs.

Submitted (For Approval)...

Dr. D. B. Bharati
Director





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Bank of Maharashtra
एक परिवार एक बैंक

Receipt for Other Bank Instant Fund Transfer

IB Reference No	:	212984616957
From Account No	:	60156873243
Beneficiary Account No	:	649301052251
Transaction Amount	:	1,500.00
Receipt Txn Amount In Words	:	One Thousand Five Hundred Rupees Only.
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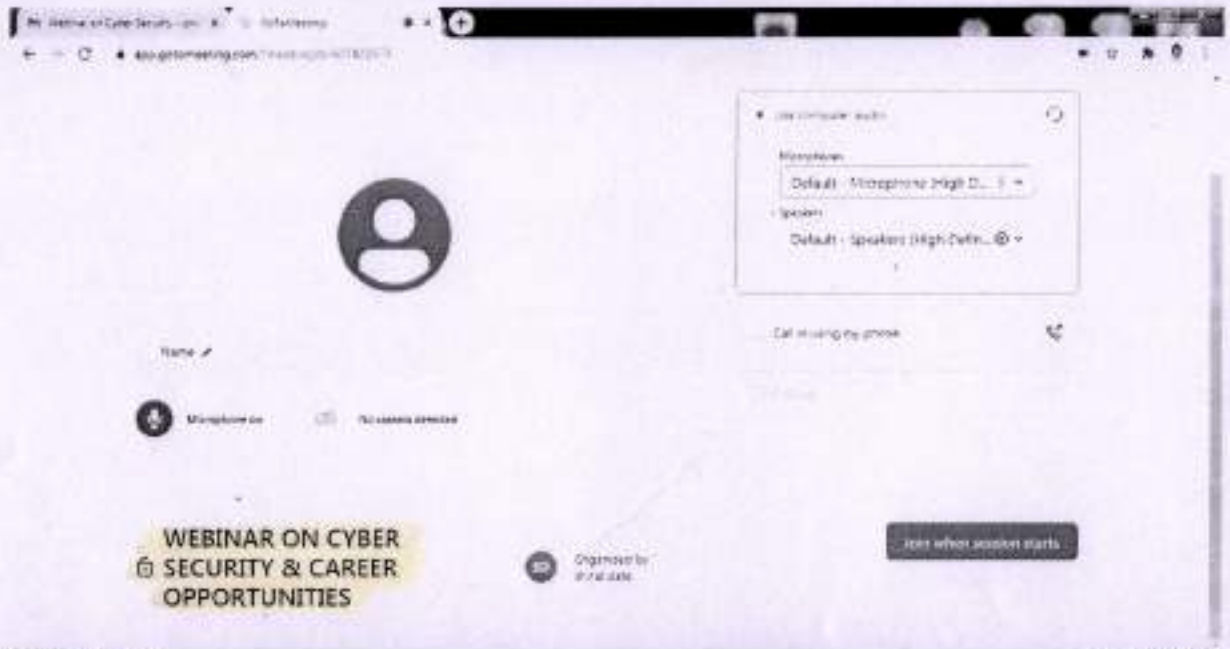


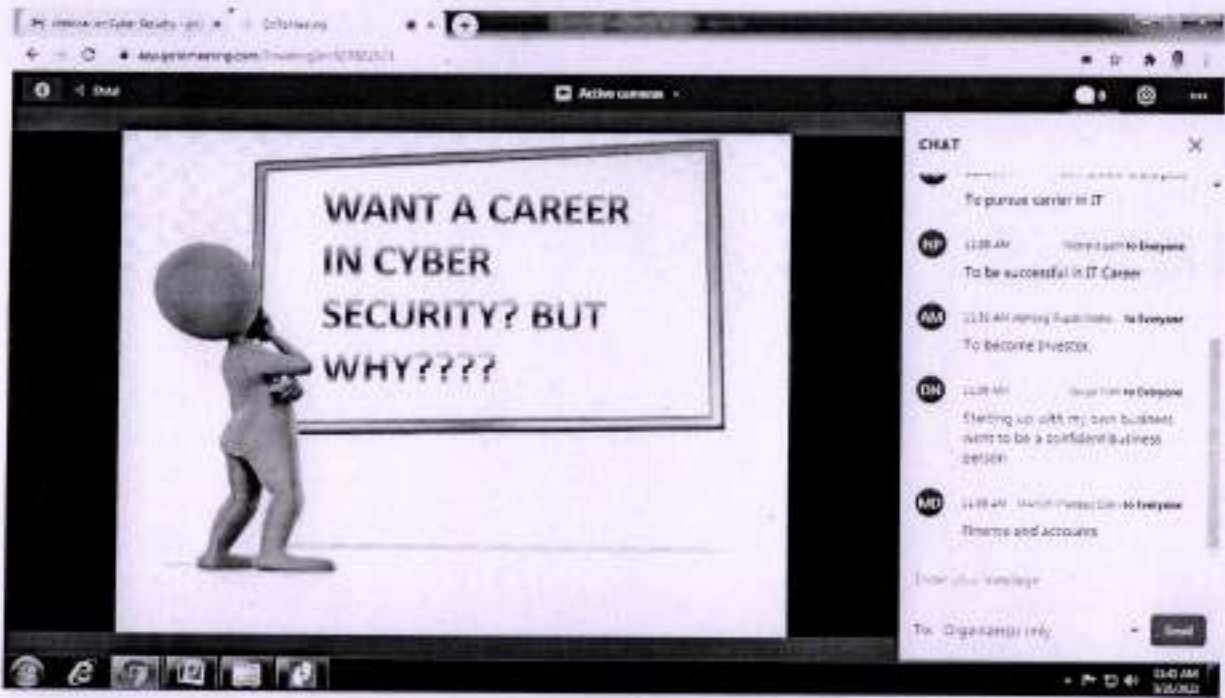


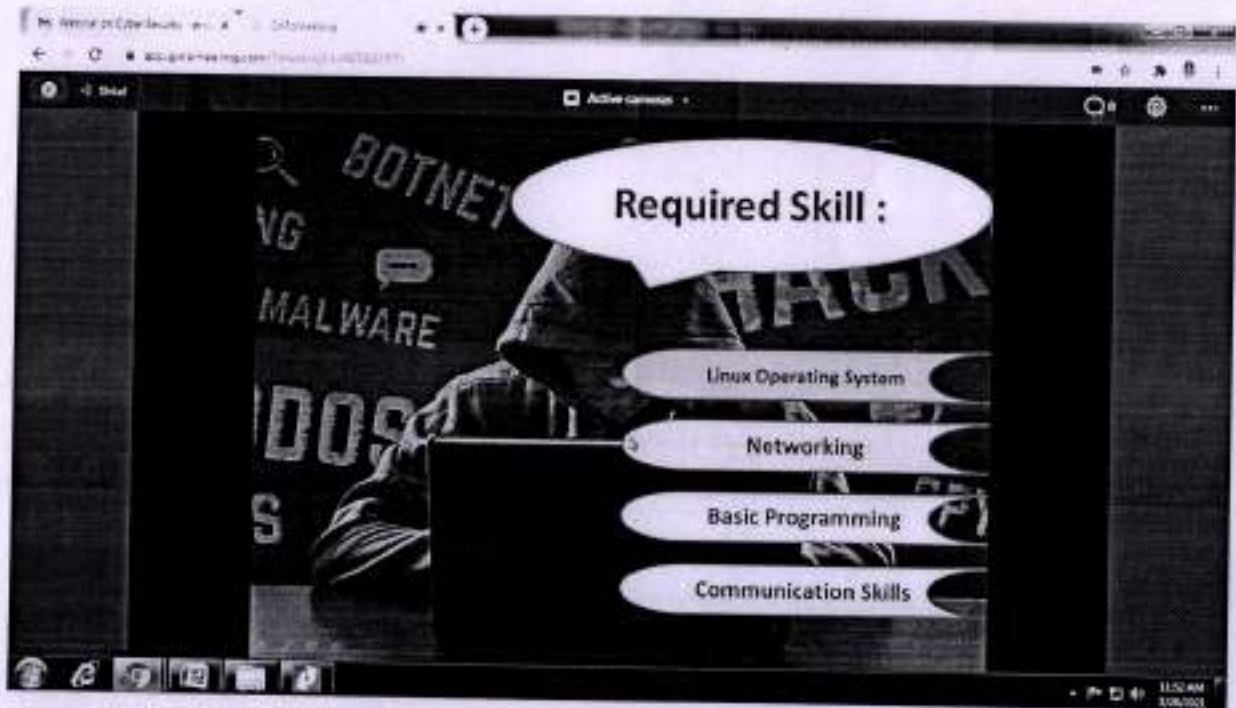
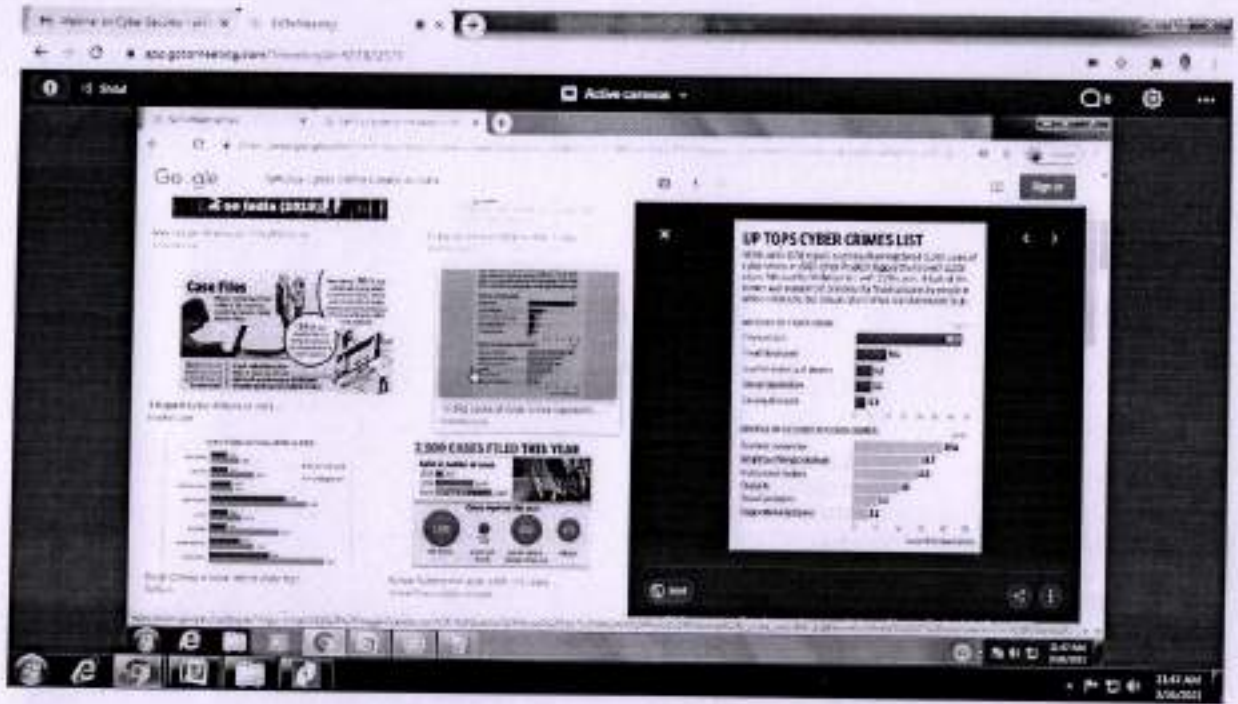
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Beneficiary Account No	:	649301052251
Transaction Amount	:	1,500.00
Receipt Txn Amount In Words	:	One Thousand Five Hundred Rupees Only.
Remarks	:	WEBINAR DATA VISUALIZATION USING TABLEAU
Beneficiary Details	:	649301052251
Transaction Type	:	Other Bank Instant Fund Transfer
Transaction Status	:	Success









Web browser address bar: www.gdmlearning.com/course.php?id=1782371

Career In Ethical Hacking

Defensive **Offensive**

CHAT

- EV** 11:42 AM **Nothing Good to Everyone**
To protect data and confidential information
- NP** 11:43 AM **Nothing Good to Everyone**
To make the career
- AD** 11:48 AM **Nothing Good to Everyone**
Career and for copyright
- D** 11:50 AM **Shree to Everyone**
Self defense
- DN** 12:04 PM **Shree to Everyone**
Strengthening yourself

From your message

To: Organizational only **Send**

11:56 AM 5/26/2021

Web browser address bar: <https://www.gdmlearning.com/course.php?id=1782371>

Average Security Analyst with Cyber Security Skills Salary in India

Pay Job Details Skills Job Location Employers

How should I pay? **PER HOUR** **PER YEAR**

What is the Pay by Experience Level for Security Analysts?

Experience Level	Approximate Salary (INR)
0	100,000
1-4	150,000
5-9	250,000
10+	350,000

AN EXPERTISE Security Analysts with 1-4 years experience earn about 150,000 INR per year on average. Compensation varies by location, company, and expertise. Based on 107 salaries in India.

11:56 AM 5/26/2021

Learn more (page 1/2) x My Drive - Google Drive x Sign Up for Google Assistant x 3rd Meeting x Google Drive Sign-up

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1:21 PM

LEARN SPACE

Registration Sheet

MAR

26

WEBINAR ON CYBER SECURITY & CAREER OPPOR...

🕒 11:17 AM - 80 min | ID: 927822573

Attendees

🔍 Diagnostics

Attendee	Join & leave times	Location
VA Vaibhav Musale	11:17 AM - 11:21 AM	Mumbai (Gaikewad Nagar)
PR Pruthviraj Desai	11:18 AM - 11:20 AM	Nagpur
PR Prasad	11:18 AM - 12:37 PM	Bengaluru
MO Monika Nikam monikanikam555@gmail.com	11:20 AM - 11:20 AM	-
SA Sayali Santosh Gore sayalgs20@gmail.com	11:20 AM - 11:22 AM	Navi Mumbai
VA Vaibhav Musale	11:21 AM - 12:00 PM	Mumbai (Gaikewad Nagar)
DU Durga Naik naik2020@gmail.com	11:21 AM - 12:33 PM	Lohagaon
RU Rushikesh	11:24 AM - 12:09 PM	Chennai
MA Manjiri D. Kalyankar	11:22 AM - 11:27 AM	Bengaluru
MA MANGESH GAVANGE	11:24 AM - 12:12 PM	Ambad
SU SUPRIYA SANJAY JAMDAR supriya201897@gmail.com	11:24 AM - 12:30 PM	Ratnagiri
RU Ruchi Abhang ruchiabhang12@gmail.com	11:27 AM - 11:46 AM	Pune



BH	Bhagwat Pangalwar pbhagwat977@gmail.com	11:25 AM - 11:27 AM	Pune
SA	Samadhan Hingade	11:29 AM - 12:26 PM	Navi Mumbai
SN	Snehal Tapare taparesnehal1@gmail.com	11:27 AM - 11:28 AM	Pune
RU	Rutuja Kumbhar rutujak722@gmail.com	11:29 AM - 12:32 PM	Madgaon
BH	Bhagwat Pangalwar pbhagwat977@gmail.com	11:29 AM - 12:37 PM	Pune
PR	Pruthviraj Desai	11:30 AM - 12:06 PM	Nagpur
MA	Madhuri Kakade	11:30 AM - 11:35 AM	-
PO	Pooja Subhash Khilare	11:31 AM - 11:32 AM	-
VI	Vijaya Devadiga devadiga vijaya@gmail.com	11:31 AM - 12:27 PM	Bhopal (B Sector)
UT	Utkarsha Bhosale	11:35 AM - 12:11 PM	Ratnagiri
SU	Suorlya(J. M. Road)	11:34 AM - 12:37 PM	Ambad
WA	WAGHMARE DAYANAND NAVNATH dayanandwaghmare29@gmail.com	11:36 AM - 11:48 AM	Paithan
MA	Madhuri Kakade	11:35 AM - 12:37 PM	-
AS	Ashwini-Amol Katmore ashwini.katmore@gmail.com	11:52 AM - 12:30 PM	Durham
RA	Rakshit Surana	11:50 AM - 11:58 AM	Uran
SA	Sachin Kakaso Sonawale sachin.komsal125@gmail.com	12:02 PM - 12:37 PM	Bhujanan



VA	Vaibhav Misale	12:01 PM - 12:37 PM	Mumbai (Gaiwad Nagar)
SA	Sayali Santosh Gore sayali620@gmail.com	12:20 PM - 12:28 PM	Navi Mumbai
AJ	Ajay Jedhe ajayedhe123aj@gmail.com	12:11 PM - 12:12 PM	Serufa
VI	Vivek	11:17 AM - 11:18 AM	-
PR	PRAJAKTA WARALE prajaktdwarale@gmail.com	11:17 AM - 12:00 PM	Bengaluru
SH	Shital shitalm104@gmail.com	11:17 AM - 12:37 PM	Mumbai
NE	Neha Raju Jadhav nehajadhav@gmail.com	11:26 AM - 12:37 PM	Powai
SA	Sayali Santosh Gore sayali620@gmail.com	11:22 AM - 12:19 PM	Navi Mumbai
NI	Nikita Gopal Gawade nikitagpawade1998@gmail.com	11:20 AM - 12:37 PM	Thrissur (Chembukkav)
91	919970818104	11:17 AM - 12:17 PM	Navi Mumbai
MA	Manjini D. Kalyankar	11:28 AM - 12:37 PM	Bengaluru
GA	Gaurav Kurade gkurade002@gmail.com	11:27 AM - 12:30 PM	Pimori
VI	Vivek Ramesh Tile	11:27 AM - 12:37 PM	Bhayandar (Vasai West)
NI	Nishant Patil nishantpatil752@gmail.com	11:26 AM - 12:37 PM	Navi Mumbai
PO	Pooja Subhash Khilare	11:29 AM - 11:31 AM	-
SN	Snehal Tapare snehalwhe01@gmail.com	11:29 AM - 12:34 PM	Pune



AM	Amar Gole	11:29 AM - 12:30 PM	Ambad
MA	MAYUR Pradeep Dalvi mayurdalvi06@gmail.com	11:28 AM - 12:28 PM	Jalour
VI	Vivek	11:31 AM - 12:30 PM	-
AK	Akshada Raskar akshadaraskar0606@gmail.com	11:31 AM - 11:37 AM	Ambad
TE	Tejas Bhosale	11:30 AM - 12:37 PM	Pune (Tilakar Nagar)
AB	Abhang Rupali Mahendra rupali.abhang2020@gmail.com	11:30 AM - 11:58 AM	Deolali
JA	Jayesh Dattatray Sontakke sontakkej4@gmail.com	11:34 AM - 11:36 AM	Navi Mumbai
PO	Pooja Subhash Khilare	11:32 AM - 11:59 AM	-
AJ	Ajay Jedhe ajayedhe1234@gmail.com	11:31 AM - 12:07 PM	Serula
JA	Javiya Rohit Ashok rohitjaviya03@gmail.com	11:31 AM - 12:37 PM	Lonavla
JA	Jayesh Dattatray Sontakke sontakkej4@gmail.com	11:37 AM - 11:38 AM	Navi Mumbai
VA	VAIBHAV MUSALE	11:35 AM - 11:39 AM	Mumbai (Gaikwad Nagar)
MA	Mayuri	11:35 AM - 11:42 AM	Deolali
WA	WAGHMARE DAYANAND NAVNATH dayanandwaghmare29@gmail.com	11:52 AM - 12:29 PM	Paithan
RO	Rohingujar.RJ21@Gmail.Com	11:52 AM - 12:10 PM	
DH	Dhere	11:46 AM - 12:37 PM	



D	D. B. Bharati	11:37 AM - 11:40 AM	Bengaluru
MA	MANGESH GAVANGE	12:20 PM - 12:26 PM	Ambad
AJ	Ajay Jedhe ajayjedhe123aj@gmail.com	12:18 PM - 12:30 PM	Serula
PR	Pruthviraj Desai	12:07 PM - 12:30 PM	Nagpur
SU	Sushil mizalekushil@gmail.com	11:59 AM - 12:37 PM	Gödör
SA	Sayali Santosh Gore sayalip620@gmail.com	12:30 PM - 12:30 PM	Navi Mumbai



Webinar on Cyber Security

IANT JM ROAD <iantjmroad@gmail.com>
To: prajaktawarale@gmail.com
Cc: IANT Maharashtra <iantmaharashtra@gmail.com>

Wed, Mar 24, 2021 at 3:09 PM

Respected Dr. Prajakta,
Greetings for the day!

As per discussion with Mohan Sir over call, we will arrange one webinar for your students on 26th Mar from 11:30 am to 12:30 pm on Cyber Security.
This will be organised on Go To Meeting App.

Students have to register themselves for Webinar on the link provided below.

<https://forms.gle/DcgMs4gWxyFmsYkt6>

In case of any query , please feel free to contact us.

Regards,
IANT JM Road
9764150789



Webinar on Cyber Security

IANT JM ROAD <iantjmroad@gmail.com>
To: Prajakta Warale <prajaktawarale@gmail.com>

Thu, Mar 25, 2021 at 7:37 PM

Respected Mam,
Greetings for the day!

Please find the link below for Webinar
WEBINAR ON CYBER SECURITY & CAREER OPPORTUNITIES

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/927822573>

You can also dial in using your phone.
(For supported devices, tap a one-touch number below to join instantly.)

United States: +1 (408) 650-3123
- One-touch: tel:+14086503123,,927822573#

Access Code: 927-822-573

New to GoToMeeting? Get the app now and be ready when your first meeting starts: <https://global.gotomeeting.com/install/927822573>

Trainer : Sheetal Date Mam
She is an Expert Technical Trainer in Cyber Security, Redhat and Networking Technologies.

Regards,
IANT JM Road

[Quoted text hidden]





Rajgad Dnyanpeeth's
Rajgad Institute of Management Research &
Development, Pune -43

Approved by AICTE, Recognized by DTE (Govt. of Maharashtra),
Affiliated to Savitribai Phule Pune University

Management By Bhagvat Gita

10th February 2021, Wednesday

Name of Coordinator: Dr. Prajakta Warale

Name of the Speaker: Dr. Ashutosh Misal

Designation of the Speaker: Director, D Y Patil Institute of Management, Pune

Platform: Google Meet

Topic of the guest lecture: Management by Bhagvat Gita

Dr. Ashutosh Misal, Director, D Y Patil Institute of Management was invited as a resource person for the Faculty Development Programme on Management by Bhagvat Gita. Dr. Ashutosh Misal shared the most important message of Bhagavad Gita is that one should perfect one's life and purify one's existence by connecting to God – Krishna, by the process of rendering devotional service unto Him. By doing so, one becomes happy and satisfied under all circumstances. He also read all Bhagvat Gita Adhyay and relate it to self discipline, ones karma and purity of heart. He also shared the one of the Best Lessons From Bhagavad Gita: Identity, Recognize and Accept Equality in Life. Now, this quote is a difficult one to follow. But, definitely, life will guide any person towards achieving the knowledge. After facing many challenges in life, you tend to see all living and non-living beings as equal.

Reading the Bhagavad Gita introduces us to the truth about life and helps us attain freedom from superstition and false beliefs. Knowledge gained from the Bhagavad Gita dispels our doubts and builds our confidence. Teachings from the Gita tell us to think well before we act.

All 22 teaching and non teaching staff members attended the session and learned the lesson from Bhagvat Gita.

Dr. Prajakta Warale

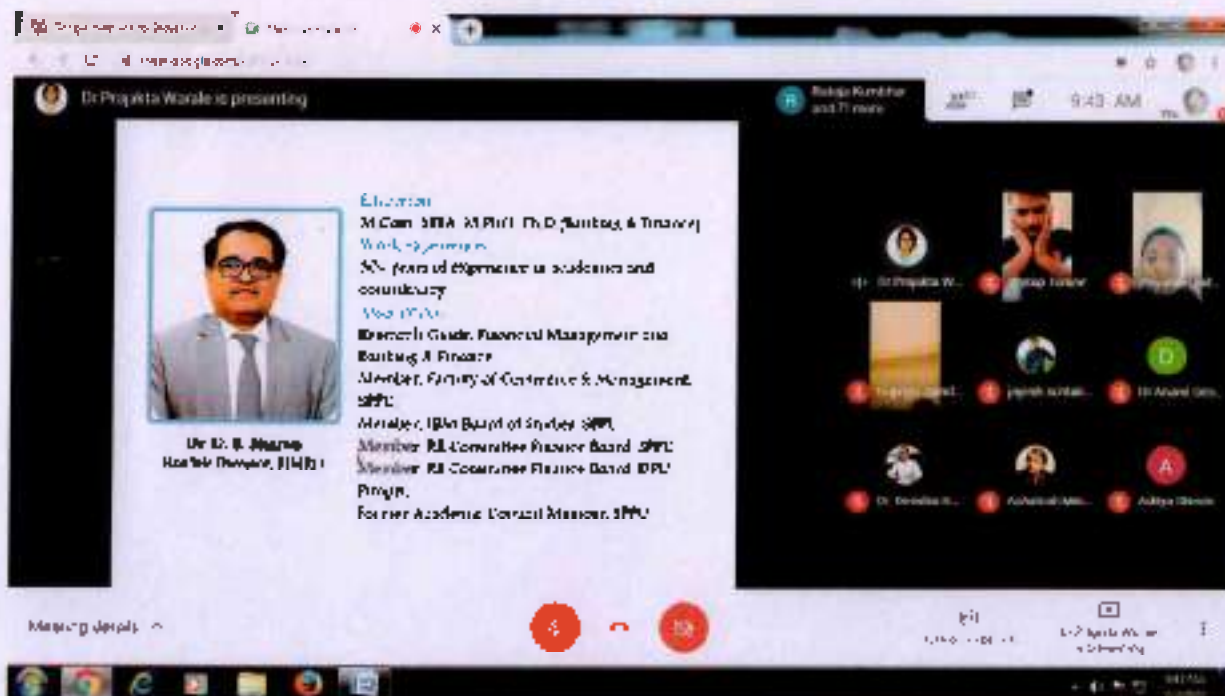
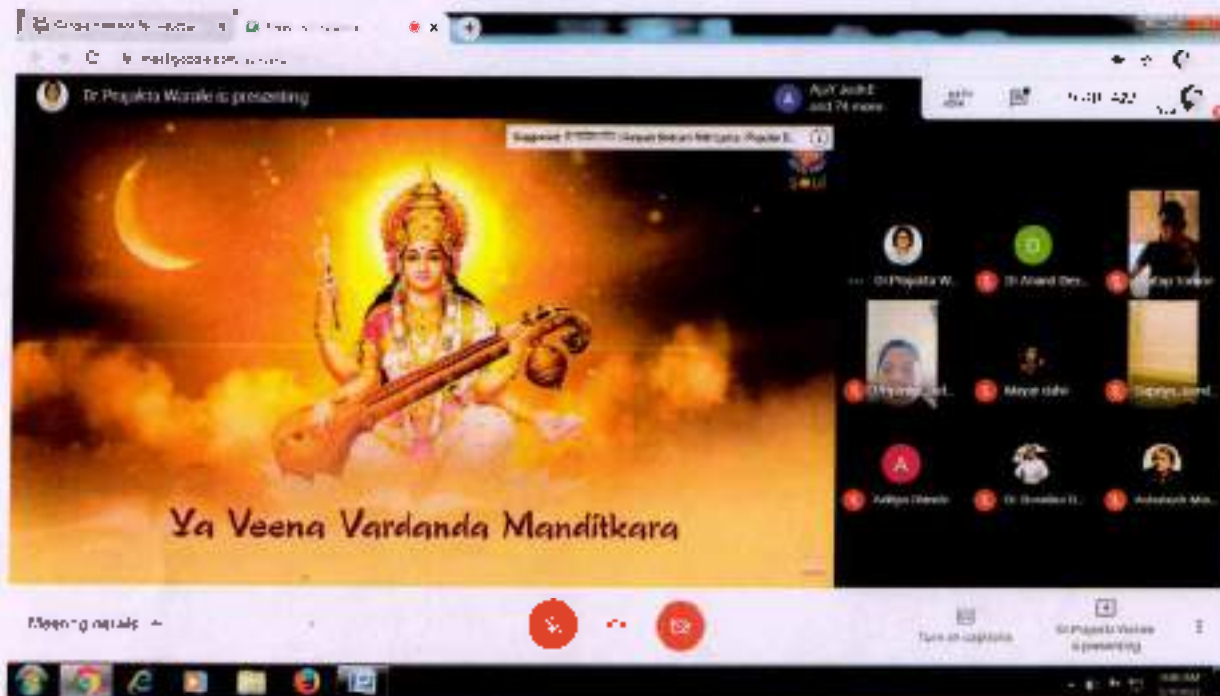
Dr. Rohan Dahivale

Dr. D. B. Bharati

IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043



Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043



Dr. Pragada Wankar is presenting

Dr. Anand A. Deshmukh
 Member, Director IIM &
 IIMD

Education:
 M.Com., M.Phil., Ph.D., Ph.D.
Designation:
 Director, NICE, Institute of Management
 and Human Resource Development for Women State
 (Mumbai, India)

Academic:
 Member - Academic Council, IIT
 Member, Committee Board of Studies, Marketing,
 Management, IIMB
 Teaching Experience: 12 Years
 Research Experience: 20 Years
 Editorial Experience: 5 Years
 Research papers published in
 Conferences, Workshops, National and
 International Journals: 100
 60 papers completed at Ph.D. level
 100 articles published Ph.D.
 100 papers published at Ph.D. level. Presenting
 100 research articles.

Member of IIMB, Member of IIMB, IIMD


Meeting controls: Mute, Video, Chat, Screen Share, Help

Participants: Dr. Pragada W., Anand A. Deshmukh, ...



Meeting details

Dr. Pranjali Warde is presenting



Dr. Ashwath Murali
Member Director, DNYRMR

Abstract

- PhD and Postgraduate M.A.M.T.P.
- Postgraduate M.B.B.S. & M.D. in Family Practice
- Senior Lecturer in PG Studies, JRM College of Health Sciences
- 15 years of teaching experience in various branches
- 1000+ publications in national and international journals
- Member, DNYRMR and other national and international committees
- Member, DNYRMR and other national and international committees
- Member, DNYRMR and other national and international committees

Keywords


- Impact of Research Grant Expenditure for Ph.D. with Symbolic Interactionist Paradigm
- Impact of Research Grant Expenditure for Ph.D. with Symbolic Interactionist Paradigm
- Impact of Research Grant Expenditure for Ph.D. with Symbolic Interactionist Paradigm

Meeting details

10:54 AM

Meeting details

Ashwath Murali is presenting



Management in Bhagwadgita

Dr. Ashwath Murali

Meeting details

11:40 AM





**Rajgad Institute of Management
Research and Development, Pune-43**

An IQAC Initiative

**National Webinar on "Effective
Research Paper Writing and
Publication in High - Quality UGC
Care listed journals"**

*E-Certificate will be
provided*

Speaker:

Dr. M. Gurusamy

Professor and Head

PG Department of Commerce

**Management Studies, Brindavan College,
Bangalore**

28th December 2020 (11am to 1pm)

**Dr. Prajakta Warale
IQAC Coordinator**

**Dr. D.B. Bharati
Director**





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Rajgad Institute of Management Research & Development, Pune-43

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Affiliated to Savitribai Phule Pune University

National Webinar on Effective Research paper writing and Publication in High quality UGC Care listed Journals

Academic Year – 2020-21

Name of Programme	National Webinar on Effective Research paper writing and Publication in High quality UGC Care listed Journals
Day and Date	28 th December 2020, 11am – 1pm
Venue	Online - Google Meet
Name of Resource Persons	Dr. M. Gurusamy, Professor and Head, PG Department of Commerce Management Studies, Brindavan College, Bangalore
Name of Cell	Internal Quality Assurance Cell
Name of Coordinator	Dr. Prajakta Warale





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National Webinar on Effective Research paper writing and Publication in High quality UGC Care listed Journals

Academic Year – 2020-21

Name of Programme	National Webinar on Effective Research paper writing and Publication in High quality UGC Care listed Journals
Day and Date	28 th December 2020, 11am – 1pm
Venue	Online - Google Meet
Name of Resource Persons	Dr. M. Gurusamy, Professor and Head, PG Department of Commerce Management Studies, Brindavan College, Bangalore
Name of Cell	Internal Quality Assurance Cell
Name of Coordinator	Dr. Prajakta Warale



National Webinar on Effective Research paper writing and Publication in High quality UGC Care listed Journals

Objective of Programme:

- To develop a skill of writing good research paper
- To understand criterion of publication in high quality UGC Care listed journals
- To understand referencing styles and how to write literature review
- To learn about ethics in writing and plagiarism tools

Description of Programme:

The institute has organized National webinar on **Effective Research paper writing and Publication in High quality UGC Care listed Journals** on 28th December 2020 from 11 am – 1 pm. The FDP was conducted by Dr. M. Gurusamy with total 16 years of teaching and research experience. The FDP started with welcome address by director of the institute Dr.D.B.Bharati. Coordinator Dr. Prajakta Warale gave brief introduction the resource person. Dr. M. Gurusamy has published more than 60 research papers in UGC approved journals. Dr. Gurusamy explained the process of getting into publication, layout of the article . He also discussed about how to precisely write the literature review. He explained different e- resources in public domain and also various referencing styles.

The following points were covered by the resource person in FDP

- Skill of writing good research paper
- Outline of research paper
- Referencing style
- How to write literature review
- E resources in public domain
- Various online resources
- Ways of finding relevant material
- Google –A research friend
- Shodhganga
- SAGE
- Online Databases etc.



The FDP was attended by internal faculty and various other faculty members from various states such as Delhi, Karnataka, Gaujrat and Maharashtra. Total 100 faculty members registered for the webinar.

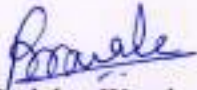
The FDP was concluded with vote of thanks by Ms. Manjiri Kalyankar.

Participants: Total Teaching staff -100

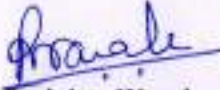
Students - 25

Outcome:

- FDP helped in understanding about skill of writing effective research paper.
- FDP enriched the knowledge about publication ethics
- FDP helped to gain knowledge about how to publish research paper in UGC care listed journal
- FDP helped in gathering the knowledge of how to find out cloned journals



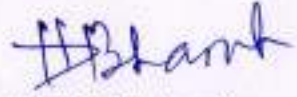
Dr. Prajakta Warale
Coordinator



Dr. Prajakta Warale
Coordinator-IQAC



Dr. Rohan Dahivale
HOD/Academic Dean



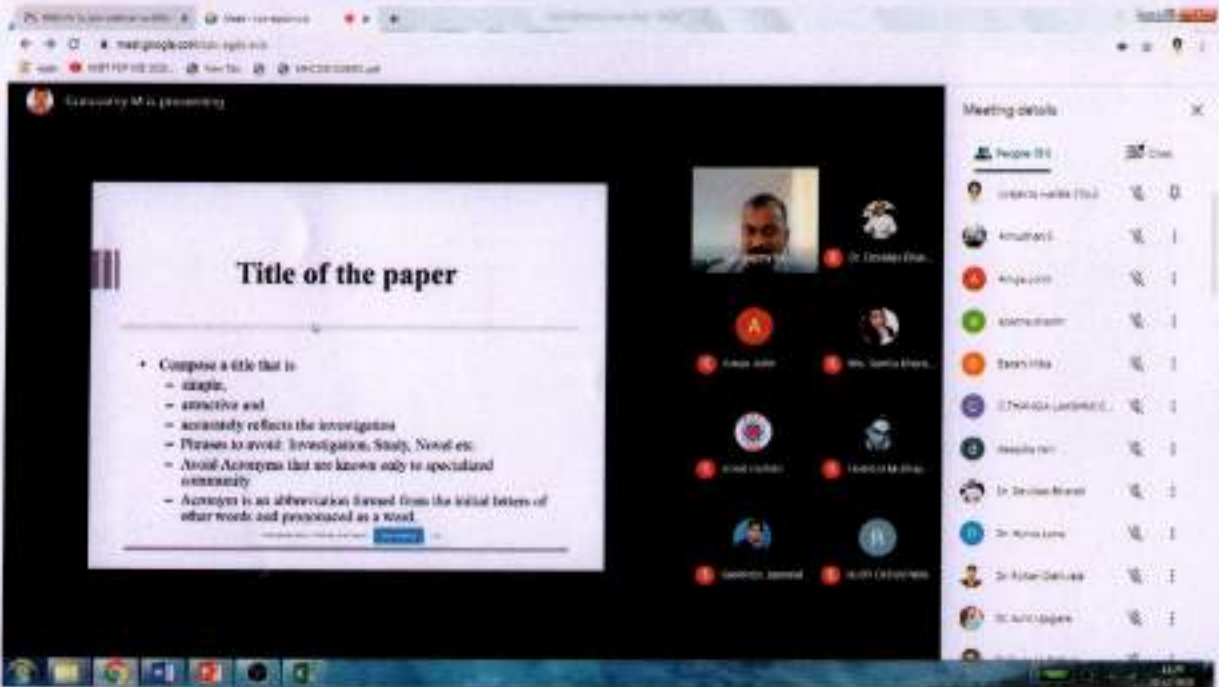
Dr. D. B. Bharati
Director

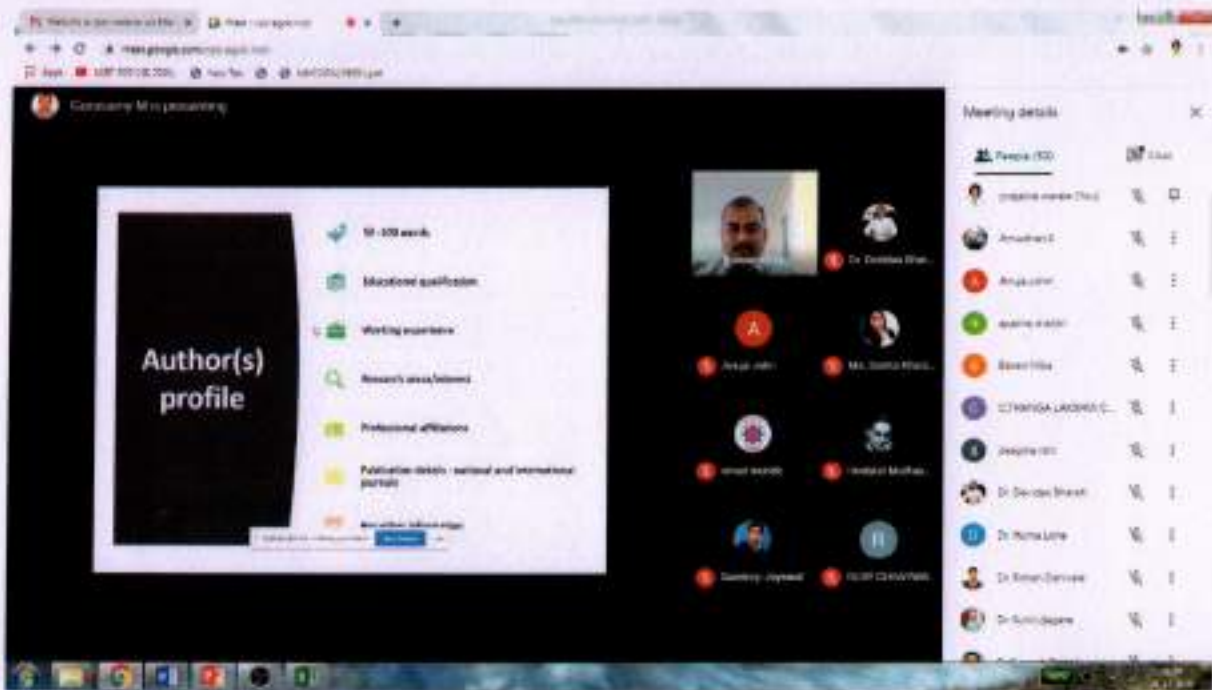
IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043









The screenshot shows a Zoom meeting interface. The main window displays a slide titled "Literature Review" with the following text:

- Comprehensive summary of previous research on a topic.
- It surveys scholarly articles, books & other sources relevant to research area.
- It gives a theoretical base for research and help the author determine the nature of research.
- The literature review acknowledges the work of previous researchers, and assesses the results that work has been well received.
- It is assumed that by researching a previous work in the field of study, the author has read, evaluated and synthesized the work.
- A literature review serves a "landscape" for the reader, giving a full understanding of the developments in the field.
- The purpose of literature review is to survey to the reader what knowledge and ideas have been established on a topic, and what their strengths and weaknesses are.

Meeting details on the right side of the screen include:

- Meeting ID: 867 522 7179
- Participants list:

Dr. Devdatta Bhaskar	1
Mr. Sunil Sharma	1
Dr. Divya Bhaskar	1
Dr. Nisha Lata	1
Dr. Nisha Chakrabarty	1

The screenshot shows a Zoom meeting interface. The main window displays a slide titled "Literature review" with a table of contents:

- Current reviews
- Indian and International studies
- Old to recent studies
- What is Literature Review.doc**
 - Table
 - Paragraphs
 - Chronological order
 - Construct/item wise discussions
- Summary and deductions

Meeting details on the right side of the screen include:

- Meeting ID: 867 522 7179
- Participants list:

Dr. Nisha Chakrabarty	1
Dr. Divya Bhaskar	1
Dr. Nisha Lata	1
Dr. Nisha Chakrabarty	1





Rajgad Dnyanpeeth's
**RAJGAD INSTITUTE OF MANAGEMENT RESEARCH AND
DEVELOPMENT, PUNE-43**
(Affiliated to Savitribai Phule Pune University, Approved by AICTE, Recognised by GoM)

Certificate of Participation

This certificate is awarded to
Dr. Sogra Khaton
for successful participation in National Webinar on *“Effective Research
Paper Writing and Publication in High Quality UGC Care Listed Journals”*
conducted by RIMRD, Pune-43 on 28th December 2020.

Dr. Prajakta Warale
Webinar Coordinator
IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Dr. D. B. Bharati
Director
Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043





Rajgad Dnyanpeeth's
**RAJGAD INSTITUTE OF MANAGEMENT RESEARCH AND
DEVELOPMENT, PUNE-43**

(Affiliated to Savitribai Phule Pune University, Approved by AICTE, Recognised by GoM)

Certificate of Participation

This certificate is awarded to

Mr. Bhushan Jain

for successful participation in e-FDP on **“The future of Data and Analytics:
Tales and Trends from center to Edge”** conducted by RIMRD, Pune-43
on 12th Sept 2020.

Dr. Prajakta Warale

Coordinator

IQAC Coordinator

Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Certificate ID :0K7U4U-CE000017

Dr. D. B. Bharati

Dr. D. B. Bharati

Director

Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Webinar Registration list of Faculty Members

Sr.No.	Full Name	Mobile Number	Email ID	Name of the institute/ organisation
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2	Dr Rohan Dahivale	9921613494	rohandahivale@gmail.com	Rajgad Institute of Management Research and Development
3	SANDEEP SURESH RASKAR	7875743007	sandeepaskar333@gmail.com	JSPM's, JSIMR, Hadapsar, Pune
4	S RAMESH KUMAR MEHTHA	9890587615	praram999@gmail.com	JSPM RAJARSHI SHAHU COLLEGE OF ENGINEERING PUNE
5	Dhananjay Shinde	7588649709	dhananjayshinde99@gmail.com	RIMRD PUNE
6	Ms. Madhuri S. Kakade	7040618986	madhurikakade1990@gmail.com	Rajgad Institute of Management Research and Development Pune-43
7	Dr. Jayasri Murali Iyengar	9890283287	jayasri.iicmr@gmail.com	ATSS Institute of Industrial and Computer Management and Research,Pune
8	Gavit Sandip Madhukar	7058140032	sandipgavit2@gmail.com	RIMRD
9	Nikhil Kakade	8055744407	nikhil.kd@yahoo.com	RIMRD
10	Pravin Thorat	8983248638	82thorat@gmail.com	DYPIMCAM
11	Prashant D Kumbhar	9822003310	prshant.kumbhar@gmail.com	RIMRD
12	Karansinh Sanjay Deshmukh	9579220999	karansinhdeshmukh11@gmail.com	Rajgad institute of management Research and development
13	Karansinh Sanjay Deshmukh	9579221000	karansinhdeshmukh11@gmail.com	Rajgad institute of management Research and development
14	Dr. Mohsin Shaikh	9604012473	skmohsin1@rediffmail.com	ASM IPS
15	Gazala Nadap	9975314789	gazala.nadap@gmail.com	P.Jog College of Science & Commerce
16	Pooja Waghmare	9657480310	pooja.waghmare219@gmail.com	RIMRD
17	Snehal Sadawarte	9552588287	sadawartesnehal@gmail.com	Rajgad Institute of Managment Research and Development



18	Ranita Baban Valave	7028221193	valave.ranita@gmail.com	Global Institute of Management,Sangamner
19	K.DEEPIKA RANI	7892971350	deepikanandan88@gmail.com	BRINDAVAN COLLEGE ,BENGALURU
20	Ms.SUSHEELA	8618601857	susheela87@gmail.com	Brindavan College
21	Dr SOgra khatoon	7019812862	sograkhatoon@gmail.com	Brindavan college of management
22	DR. D. KRISHNA KUMAR	9688846800	drdkkpblr@gmail.com	Brindavan College, Bengaluru - 560063,
23	BARANI.D	9095946246	baranimba26@gmail.com	Jairam arts and science college
24	Prof.(Dr.) Sunil Panditrao Ujagare	9850176348	sunilu707@gmail.com	RMDSMS
25	SAUMYA SINGH	9836867340	saumya.singh0510@gmail.com	Brindavan College
26	Srilakshmi venkata rao	9880411240	Vaishanya84@gmail.com	Sir Mvit
27	Dr. Huma Lone	9.19882E+11	humalone@gmail.com	Suryadatta Institute of Management and Mass Communication
28	Archana khandagale	9890298549	Khandagalearchana2017@gmail.com	Rimrd
29	Dr.K.Sankar Ganesh	8883988832	dr.ksankarganesh@gmail.com	LEAD College of Management
30	Dr.G.Gunaseelan	9524105313	gunaseelangurujothi@gmail.com	Brindavan College
31	PRABU S	9443815156	Prabus60@gmail	Jairam Arts and Science College
32	Dr.Umadevi Ravichandra	9110854147	umadevi1051.uu@gmail.com	Indian Management Academy
33	Dr.N.Rajesh Kumar	9790046233	nrajesh75@gmail.com	RVSCET (MBA standalone), Dindigul
34	Dr.RUBY CHHATWAL	9422526508	rpchhatwal@gmail.com	PDEA'S INSTITUTE OF TECHNICAL EDUCATION RESEARCH AND MANAGEMENT AKURDI,PUNE
35	Dr.C.Thanga lakshmi	9626567390	gold.lakshmimba@yahoo.co.in	U.S.P.Arts and Science College for women
36	Dr.C.MANIKANDA MUTHUKUMAR	8838277125	cmkumarphd@gmail.com	Government Arts College (Autonomous) Salem-636007
37	Punida Arpitha B	963224752	punidaarpitha@gmail.com	St.Joseph's College of Commerce, Bangalore
38	RAJANI H PILLAI	9901126401	rajanihpc@gmail.com	MOUNT CARMEL COLLEGE AUTONOMOUS, BENGALURU
39	Manasa N	9632163632	manasan.gowda13@gmail.com	Impact Institute of Management Studies



40	Prof.(Dr.) Sunil Panditrao Ujagare	9850176348	sunilu707@gmail.com	RMDSMS
41	Dr. K. Sasirekha	9940831416	sasirekha.moon@gmail.com	The American College
42	Dr.S.Mohan Prabhu	9787097984	hodstat@muthayammal.in	Muthayammal College of Arts & Science
43	Dr. K S Venkateswara Kumar	9959626807	venki@kluniversity.in	K L Business School, K L E F
44	Dr.G.SHOBA	9443967181	gsshoba@yahoo.co.in	Priyadarshini Engineering college
45	Nirali Shah	9.19428E+11	Nirali.shah@sal.edu.in	Sal engineering college
46	SOMESHWAR SIDDI	9.18342E+11	someshsiddi@gmail.com	ST. MARTIN'S ENGINEERING COLLEGE
47	B. Priyanka	9894757936	priyankaboopathi91@gmail.com	Mahendra
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49	Sonal Sharma	9610779999	sonalsharma.research@gmail.com	Compucom Institute of Technology and Management
50	DR PURUSHOTTAM BHARI	9460065009	Pbharicitm@gmail.com	CIITM, JAIPUR
51	NIRALI CHIRAG SHAH	9.19428E+11	Nirali.shah@sal.edu.in	Sal engineering college
52	Sahab Ram Kumawat	8198961131	anjna1234@gmail.com	IASE Deemed to be university GVM Sardarshahr
53	Pravin T	9790035414	Pravinmech01@gmail.com	Sns college if technology
54	Dr. Reena Jain	8005569538	reenaj1977@gmail.com	Compucom institute of technology and management
55	Dr.Kuldeep P. Pawar	9890337858	kpawar154@gmail.com	Arihant College of Arts, Commerce & Science, Pune
56	DR.P.PRANAY	9440290640	Pettempranay@gmail.com	Chaitanya deemed to be university warangal urban Telangana state
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58	Isani Gazala	7760429300	gazalaisani@gmail.com	NIL
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61	Dr Shalini Yadav	9672784031	shalini.yadav067@gmail.com	Compucom Institute of Technology and Management, Jaipur



62	MS. RAJANI H PILLAI	9901126402	rajanimcc@gmail.com	MOUNT CARMEL COLLEGE AUTONOMOUS BENGALURU
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64	Abhay Anant Pathak	7219500712	pathak.abhay20@gmail.com	Rajgad Institute of Management Research and Development Pune
65	Dr.Ganesh Pathak	9730765316	ganeshpathak005@gmail.com	Lotus Business School Pune
66	Manjiri D. Kalyankar	9373556974	manjiri.kalyankar@rediffmail.com	Rajgad Institute of Management Research and Development
67	Rupali Gawande	9503275149	rupali28gaikwad@gmail.com	SSMSSIMR
68	Hemant Vishwanath More	9823725554	Hemantvmore@gmail.com	Allana Institute of Management Science
69	Dr. Jareev Joseph	9526106110	jareev6@gmail.com	ALLANA INSTITUTE OF MANAGEMENT SCIENCES
70	Aijaz Ahmed Mulla	9858800008	aliejaz31@gmail.com	Allana Institute of Management Sciences
71	Mrs. Shilpa Maruti Dhanawade	7774023809	smdhanawade@gmail.com	-
72	Dr.Anil Poman	9372917686	anilpoman1987@gmail.com	Zeal Edu soc zibacar
73	Ms. Shaikh Huda Firoz Ahmed	7756970242	Shaikhhuda693@gmail.com	Allana Institute Of Management Sciences.
74	Dr.Kirti Lalwani	7875088443	kirti.lalwani@yahoo.co.in	Neville Wadia Institute of Management studies and Research
75	Dr Ravi Harendra Chourasiya	9.18408E+11	rehem282015@gmail.com	Dr D Y Patil Institute Of Management And Entrepreneur Development
76	Rajendra jarad	9763348006	rajendrarajad@gmail.com	Dr. D. Y. Patil Institute of Technology Pimpri Pune
77	Dr. Milind Audumbar Kulkarni	9767725221	dr.milind.a.kulkarni@gmail.com	RSM's CDGIMS, Pune
78	Rahul Ghosale	9665383478	ghosalerahul@gmail.com	Akemi Business School,Pune
79	Gajanan Badhe	9822541826	badhe.gm@gmail.com	Progressive Education Society's Modern Institute of Business Studies, Pune
80	Gomathi Ovureddy	55702398	gomathibot@yahoo.com	KFMC Rehabilitation hospital
81	Sreedevi Malappurath	7736008389	rdpune13@gmail.com	Allana Institute of Management Sciences



82	Richa Sharma	9799297839	richa.incajmer@gmail.com	CIITM Jaipur
83	Vijaya Bharathi S.	9842408450	bharathiviji@gmail.com	Periyar University
84	R BALAMURUGAN	9486707516	balamuruganram@gmail.com	Sasurie arts and science college
85	Dr. R. Rajesh	9489634297	rajeshlane@gmail.com	Madurai Kamaraj University
86	Dr S Amudhan	8778089281	amuhcl@gmail.com	St.Joseph's College (Autonomous), Bengaluru
87	Dr J Poornima	8122578485	poornimavinojp@gmail.com	JAIN (Deemed to be) UNIVERSITY
88	Dr. Vinod Mohite	9881248809	vinodbmohite@gmail.com	MMM'S IMERT
89	Dr. Rupendra Gaikwad	9.19423E+11	rupendra.gaikwad@gmail.com	MM'S IMERT



Brief Biodata

Name	Dr. M. GURUSAMY	
Educational Qualification	M.B.A., M.Phil., Ph.D., D.Litt.,	
Specialization	Marketing	
Total Years of Experience	Teaching: 15 Years & 8 Months	Industry: 9 Months
Present Occupation	Professor and Head, Department of MBA & MCOM, Brindavan College, Yelahanka, Bangalore - 560 063, Karnataka, India	
Patents Granted	3	
Articles published in Scopus Indexed Journals	11	
Articles published in Non-Scopus Indexed Journals	43	
Books Published	7	
Acted as an External Examiner for Evaluating Ph.D Thesis	1	
Acted as a Resource Person/Chairperson	22	
Editorial Board Member in Journals	14	
Reviewer Member in Journals	9	
Academic Advisory Board Member in the Deemed University	1	
Board of Studies Member in the Autonomous Colleges	2	
Awards Received	13	
Member in Professional Bodies	10	
Research Papers Presented in National and International Conferences / Seminars	42	
FDPs/Workshops Attended	26	



Dr.M.GURUSAMY

Mobile : +91 98425 89278, +91 97894 27699

E-Mail : gurusamyphd@gmail.com

II A, 2nd Floor, Anjanadari Layout,

Kettigenahalli, Bagalur Main Road,

Yelahanka, Bangalore – 560 064.

CURRICULUM VITAE

1. EDUCATIONAL QUALIFICATIONS

Name of the College / University	Examination Passed	Month & Year of Passing	Division of Class Obtained	% of Marks
Devanga Arts College, Aruppukottai (Affiliated to Madurai Kamaraj University, Madurai)	B.B.A	April 2002	II Class	56.64%
V.H.N.S.N. College, Virudhunagar (Affiliated to Madurai Kamaraj University, Madurai)	M.B.A (Marketing)	April 2004	I Class	67.03%
Madurai Kamaraj University, Madurai	M.Phil in Management (Marketing)	March 2007	I Class	61.40%
Bharathiar University, Coimbatore	Ph.D in Management (Marketing)	March 2015	Awarded	
International Economics University for SAARC Countries, Republic of Maldives	Doctor of Letters (D.Litt) in Marketing Management	January 2017	Awarded	

2. OTHER EDUCATIONAL QUALIFICATIONS

Name of the Board / University	Examination Passed	Month & Year of Passing	Division of Class Obtained	% of Marks
University of Cambridge, England	British English Certificate – Preliminary	Nov 2010	Council of Europe Level A2	58
Indian Institute of Export Management, Bangalore	Diploma in Export Management	Dec 2002	C Grade	50.5
Madurai Kamaraj University, Madurai	Diploma in Gandhian Thought	May 2002	III Class	48.67



3. TECHNICAL SKILLS

- ✓ IBM SPSS AMOS 26.0
- ✓ IBM SPSS Statistics 26.0
- ✓ R Programming (R Studio)
- ✓ Enterprise Resource Planning (ERP) – SAP

4. PROJECT, DISSERTATION & THESIS DETAILS

❖ UNDER GRADUATE LEVEL (B.B.A) PROJECTS

- ☞ Training Report on Kaamatchi Laminations Private Limited, Ambattur, Chennai.
- ☞ A Study on Consumers' Attitude towards the Toilet Soaps in Aruppukottai Town.

❖ POST GRADUATE LEVEL (M.B.A) PROJECTS

- ☞ A Study on General Opinion of Employees towards Personnel Management Policies in S.M. Apparels Private Limited, Chennai.
- ☞ A Study on Customer's Attitude towards Bajaj Four Stroke Bikes with Special Reference to Sri Meenakshi Motors in Virudhunagar.

❖ M.Phil (MANAGEMENT) DISSERTATION

- ☞ A Study on Preferential Pattern and Behavioural Implications for the Insurance Companies at Madurai City.

❖ Ph.D (MANAGEMENT) THESIS

- ☞ A Study on Export Potential and International Marketing of Textile Products in Karur District.

5. MEMBER IN BOARD OF STUDIES MEETING FOR AUTONOMOUS COLLEGES

- Subject Expert Member for the PG Board of Studies in MBA at Nehru Memorial College (Autonomous), Puthanampatti, Tiruchirappalli District since 16.8.2018.
- Academic Expert in Board of Studies Meeting for the MBA Board at Muthayammal Engineering College (Autonomous), Rasipuram, Namakkal District since 20.8.2019.

6. ACTED AS A RESOURCE PERSON IN FDP, WORKSHOPS, CONFERENCES

- i. "One Day Workshop on Application of SPSS" at NPR College of Engineering and Technology, Natham – 624 401, Dindugul, Tamil Nadu on 19.08.2011.
- ii. 5th International Conference on "Impact of Global Crisis in Indian Business" at Annai Mathammal Sheela Engineering College, Erumapatty, Namakkal, Tamil Nadu on 25.10.2013.
- iii. Soft Skills Training Programme on "Ennangalum Vannangalum" at Devanga Arts College (Autonomous), Aruppukottai, Tamil Nadu on 13.02.2017.
- iv. Workshop on "Soft Skills" at Sri Sarada College for Women (Autonomous), Salem, Tamil Nadu for two days (21.02.2017 and 22.02.2017).



- v. "Soft Skill Training Programme" at Salem Kongunaadu Arts and Science College, Mamangam, Salem, Tamil Nadu on 24.02.2017.
- vi. Seminar on "Total Quality Personality" at Salem Sowdeswari College, Salem, Tamil Nadu on 3.2.2018.
- vii. Workshop on "Total Quality Personality" at Government Arts College (Autonomous), Salem, Tamil Nadu on 8.2.2018.
- viii. State Level Seminar on "GST & Its Impact" at Jairams Arts and Science, Karur, Tamil Nadu on 20.2.2018.
- ix. One Day "State Level Workshop on Research Methodology" at St. Joseph's College of Commerce (Autonomous), Bangalore on 4.1.2019.
- x. One Day National Conference on "U – Commerce and Indian Economy – Recent Scenario" at Salem Sowdeswari College (Government Aided), Salem on 10.1.2019.
- xi. One Day Workshop on "Team Building and Cohesiveness" at AJK College of Arts and Science, Coimbatore on 22.2.2019.
- xii. Guest Lecture on "Team Building and Cohesiveness" at Kovilpatti Nadar Uravinmurai Sangam S.S.Duraisamy Nadar Mariammal College, Kovilpatti on 13.7.2019.
- xiii. Guest Lecture on the topic "HR Analytics" for the students of Department of Business Administration at St. Francis de Sales College, Electronics City, Bangalore on 6.8.2019.
- xiv. Guest Lecture on topic "Self-Management" for the students of XII – Std at Vetri Vikaas Boys Higher Secondary School, Mallur, Rasipuram Taluk, Namakkal District on 23.8.2019.
- xv. Value Added Course on "SPSS Applications in Research Analysis" organized by Department of Management Studies, Muthayammal Engineering College (Autonomous), Rasipuram on 15.11.2019.
- xvi. One Day National Level Conference on Recent Trends and Development in Commerce, Management & Social Sciences" organized by Department of Commerce, Vivekanandha Arts and Science College for Women, Sankari, Salem District on 9.1.2020
- xvii. One Day National Level FDP on "The Art of Writing and Publishing Research Paper in Reputed Journals" organized by Department of Business Administration, Kovilpatti Nadar Uravinmurai Sangam S.S.Duraisamy Nadar Mariammal College, Kovilpatti on 22.2.2020.
- xviii. One Day Faculty Development Programme on "Teaching Learning Process" for School Teachers organized by Vetri Vikaas Boys Higher Secondary School, Mallur, Rasipuram Taluk, Namakkal District on 23.2.2020.



- xix. Webinar on "Impact of COVID-19 on E-Commerce" organized by AJK College of Arts and Science, Coimbatore on 16.4.2020.
- xx. National Level 5 Days Faculty Development Program "Empowering the Millennial Mentors" conducted by Department of Management, Yuvakshetra Institute of Management Studies, Palakkad Kerala on 5.6.2020.
- xxi. Virtual Workshop on "Team Spirit" organized by AJK College of Arts and Science, Coimbatore on 11.12.2020.

7. PATENT GRANTED IN INDIA

S.NO.	PATENT TITLE	PATENT APPLICATION NUMBER	DATE OF FILING OF APPLICATION	THE PATENT OFFICE JOURNAL NUMBER AND PUBLICAITON DATE
1.	Design and Development of RFID and Finger Print based Centralized Voting System	202041046698	26.10.2020	The Patent Office Journal No. 45/2020 Dated 06/11/2020 Page No. 56355
2.	IOT Based Smart Kitchen Application for Gas Leakage Monitoring	202041049866	16.11.2020	The Patent Office Journal No. 48/2020 Dated 27/11/2020 Page No. 59674
3.	Drought Prediction from General Circulation Atmospheric Models using Hybrid Data Mining Techniques	202041052146	30.11.2020	The Patent Office Journal No. 50/2020 Dated 11/12/2020 Page No. 61738

8. CHIEF EDITOR IN THE JOURNAL

- International Journals of Innovative Research in Management Studies (IJIRMS)

9. EDITORIAL BOARD MEMBER IN THE JOURNALS

- International Journals of Multidimensional Research (IJMR)
- International Journal of Advanced Engineering and Recent Technology (IJAEART)
- International Journal of Management and Social Science Research Review (IJMSRR)
- International Journal of Multidisciplinary Research Review (IJMDRR)



- v. "Soft Skill Training Programme" at Salem Kongunaadu Arts and Science College, Mamangam, Salem, Tamil Nadu on 24.02.2017.
- vi. Seminar on "Total Quality Personality" at Salem Sowdeswari College, Salem, Tamil Nadu on 3.2.2018.
- vii. Workshop on "Total Quality Personality" at Government Arts College (Autonomous), Salem, Tamil Nadu on 8.2.2018.
- viii. State Level Seminar on "GST & Its Impact" at Jairams Arts and Science, Karur, Tamil Nadu on 20.2.2018.
- ix. One Day "State Level Workshop on Research Methodology" at St. Joseph's College of Commerce (Autonomous), Bangalore on 4.1.2019.
- x. One Day National Conference on "U – Commerce and Indian Economy – Recent Scenario" at Salem Sowdeswari College (Government Aided), Salem on 10.1.2019.
- xi. One Day Workshop on "Team Building and Cohesiveness" at AJK College of Arts and Science, Coimbatore on 22.2.2019.
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- xiii. Guest Lecture on the topic "HR Analytics" for the students of Department of Business Administration at St. Francis de Sales College, Electronics City, Bangalore on 6.8.2019.
- xiv. Guest Lecture on topic "Self-Management" for the students of XII – Std at Vetri Vikaas Boys Higher Secondary School, Mallur, Rasipuram Taluk, Namakkal District on 23.8.2019.
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- xvii. One Day National Level FDP on "The Art of Writing and Publishing Research Paper in Reputed Journals" organized by Department of Business Administration, Kovilpatti Nadar Uravinmurai Sangam S.S.Duraisamy Nadar Mariammal College, Kovilpatti on 22.2.2020.
- xviii. One Day Faculty Development Programme on "Teaching Learning Process" for School Teachers organized by Vetri Vikaas Boys Higher Secondary School, Mallur, Rasipuram Taluk, Namakkal District on 23.2.2020.





Dr.(Mrs) Bhagyashri Patil
Hon. Secretary

Mr. Anantrao Thopte
Hon. Founder President
Ex - Education Minister

30/12/2020

To,

Dr. M. Gurisamy
Professor and Head
PG Department of Management Studies,
Brindavan College, ^{Commara 5}
Bangalore

Subject- : Appreciation for being a Resource person for online webinar.

Dear Sir,

We would like to extend our sincere thanks to you for your valuable guidance and information sharing on the topic "Effective Research Paper Writing and Publication" to the teaching staff and students.

The session was very useful and appreciated by the all teaching staff and students. We hope it was a positive experience for you as well.

We look forward for your future association.

Regards,

Dr. D.B. Bharati
Director
Director

Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-43





Dr.(Mrs) Bhagyashri Patil
Hon. Secretary

Mr. Anantrao Thopte
Hon. Founder President
Ex - Education Minister

22/12/2020

To,

Dr. M. Gurusamy
Professor and Head
PG Department of Management Studies,
Brindavan College, ~~Commerce~~ ^{Commerce &}
Bangalore

Sub: Invitation to be a resource person for online webinar .

Respected Sir,

We are running MBA programme since 2008 approved by AICTE New Delhi, DTE (Govt. of Maharashtra) and affiliated to Savitribai Phule Pune University. Our institute is running this programme under the aegis of "Rajgad Dnyanpeeth".

Every year we organize different FDPs, webinars and workshops for enrichment of the faculty. In line with this we like to invite you as a "Resource Person" for conducting online webinar on "Effective Research Paper Writing and Publication in High-Quality UGC Care listed journals" for faculty members and students. Your vast and expertise knowledge in this field will give us new versions of knowledge.

As per our telephonic conversation, we kindly request you to accept our invitation and guide the faculty members on 28th December (Monday) 2020 at 11 am on Google platform.

Looking forward for favorable reply.

With warm Regards,

Dr.D.B.Bharati

Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development
Dhankawadi, Pune-43





Rajgad Dnyanpeeth's
**RAJGAD INSTITUTE OF MANAGEMENT RESEARCH AND
DEVELOPMENT, PUNE-43**
(Affiliated to Savitribai Phule Pune University, Approved by AICTE, Recognised by GoM)

Certificate of Participation

**This certificate is awarded to
Dr. Sunil Panditrao Ujagare
for successful participation in National Webinar on "Effective Research
Paper Writing and Publication in High Quality UGC Care Listed Journals"
conducted by RIMRD, Pune-43 on 28th December 2020.**

P. Warale

Dr. Prajakta Warale
Webinar Coordinator

H. Bharati

Dr. D. B. Bharati
Director





Rajgad Dnyanpeeth's
**RAJGAD INSTITUTE OF MANAGEMENT RESEARCH AND
DEVELOPMENT, PUNE - 43**
(Affiliated to Savitribai Phule Pune University, Approved by AICTE, Recognised by GoM)

Certificate of Participation

This certificate is awarded to
Ms. Prerna Mandhan
for successful participation in National Webinar on "*Effective Research
Paper Writing and Publication in High Quality UGC Care Listed Journals*"
conducted by RIMRD, Pune-43 on 28th December 2020.

Dr. Prajakta Warale
Webinar Coordinator

Dr. D. B. Bharati
Director





e-FDP on

The future of Data and Analytics: Tales and trends from the centre to edge



RIMRD
welcomes you to
e-fdp series -
An IQAC Cell Initiative

FREE

Date: 12th Sep 2020, 12:00pm-1.30pm

e-certificate will be provided.

Registration Link:

<https://forms.gle/jT3NvM7j39oG28SX7>

Key Takeaways

- ✓ Expert knowledge in the field
- ✓ Business & Analytics
- ✓ Trends in Data Analytics
- ✓ More about Machine Learning

Dr. Prajakta Warale- IQAC Coordinator
(9673362221)



Speaker:

Dr. Gopal Krishna Sharma
Director, Fiserv India Pvt. Ltd.



Dr. D. B. Bharati
Director

Rajgad Dnyanpeeth's
Rajgad Institute of Management Research
and Development, Pune-43





Rajgad Dnyanpeeth's

Rajgad Institute of Management Research & Development, Pune-43

Approved by AICTE, Recognized by DTE (Govt. of Maharashtra),
Affiliated to Savitribai Phule Pune University

e-FDP on The future of Data and Analytics:-Tale and Trends from Centre to Edge

Academic Year – 2020-21



Name of Programme	The future of Data and Analytics:-Tale and Trends from Centre to Edge
Day and Date	12 th Sept 2020, 12pm – 1:30pm
Venue	Online - Google Meet
Name of Resource Persons	Dr. Gopal Krishna Sharma, Director, Fiserv India Pvt. Ltd.
Name of Cell	Internal Quality Assurance Cell
Name of Coordinator	Dr. Prajakta Warale



e-FDP on The future of Data and Analytics:-Tale and Trends from Centre to Edge

Objective of Programme:

- To gather expert knowledge in the field of data analytics
- To understand tales and trends in Business and Analytics
- To learn the scope of machine learning

Description of Programme:

The institute has organized online FDP on The future of Data and Analytics:-Tale and Trends from Centre to Edge on 12th September 2020 from 12pm – 1:30pm. The FDP was conducted by Dr. Gopal Krishna Sharma, Director, Fiserv India Pvt. Ltd.

In FDP Dr.Gopal Krishna Sharma covered following points

- What is Data Science
- Approach to learning
- Mathematics behind data science
- Components to AI
- Algorithms behind Machine Learning
- Artificial Neural Networks
- Deep Networks
- Applications of Neural Networks
- Generative Adversial Networks (GAN)
- Natural Language Processing and Generation and Chat Bots
- Quantum Computing

In FDP Dr.Gopal Krishna Sharma highlighted the importance of predictive analytics with live case studies. He covered various aspects of analytics such as Descriptive , Predictive, prescriptive analytics etc. The FDP was attended by internal faculty as well as faculty members from various other management institutes. The FDP was also attended by Business Analytics specialization students. FDP was conducted online on Google meet platform.

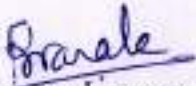
Participants: Total Teaching staff -46

BA specialization students - 15

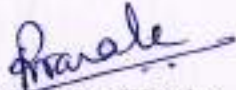


Outcome:

- Teachers learned the concept of Big Data analytics
- FDP helped in understanding about artificial Intelligence
- FDP helped in gathering the knowledge of Machine learning and neural networks



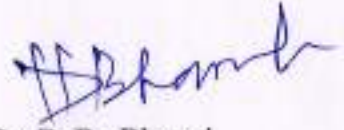
Dr. Prajakta Warale
Coordinator



Dr. Prajakta Warale
Coordinator-IQAC



Dr. Rohan Dahivale
HOD/Academic Dean



Dr. D. B. Bharati
Director

IQAC Coordinator

Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043



Thank you for accepting invitation to be resource person for FDP

prajakta warale <dr.prajaktawarale@gmail.com>
To: gopalaks@yahoo.com
Cc: umeshsoni908@gmail.com

Thu, Sep 10, 2020 at 2:00 PM

Respected Sir,

Thank you very much for accepting our request to be a resource person for FDP scheduled to be held on 12th September 2020.

So far we have received 50 registrations of faculty members and directors across various management institutes in pune. There will be no students for this FDP.

I request you to cover following points:

Basics of Analytics

Trends in Analytics-chatbots etc.

How it is applicable in various business scenarios

Introduction to Machine Learning

Given below are the details of FDP:

Date - 12th September 2020

Time - 12pm to 1.30pm

Fees - Free

Registration Link for FDP: <https://forms.gle/jT3NvM7j39oG28SX7>

Link to join FDP : <https://meet.google.com/ppt-gmxp-xtw>

E-Certificates will be given to all the attendees after submitting feedback form.

Registration



e fdp - Data and Analytics.jpg
648K



FDP@RIMRD

GOPAL sharma <gopalaks@yahoo.com>
Reply-To: GOPAL sharma <gopalaks@yahoo.com>
To: dr.prajaktawarale@gmail.com

Thu, Sep 10, 2020 at 6:27 PM

Thank you, Madam. I feel honoured to be invited for delivering this talk.
I will cover all the topics you have listed below.
I will use one presentation and a digital white board for any detailed explanation.

I hope this is fine.

Regards,
GKS

Sent from Yahoo Mail on Android

[Quoted text hidden]



FDP@RIMRD

prajakta warale <dr.prajaktawarale@gmail.com>
To: shreyagaikwad287@gmail.com, hrishimail@gmail.com

Sat, Sep 12, 2020 at 9:17 AM

Dear Sir/ Madam,

Greetings for the day!

Thank you for registration to One day e-Faculty Development Programm on "The Future of Data and Analytics: Tales and Trends from center to edge"



RIMRD
welcomes you to
e-fdp series -
An IQAC Cell Initiative

FREE

Date: 12th Sep 2020, 12:00pm-1.30pm
e-certificate will be provided.

Registration Link:
<https://forms.gle/JT3NvM7j39oG28SX7>

Key Takeaways

- ✓ Expert knowledge in the field
- ✓ Business & Analytics
- ✓ Trends in Data Analytics
- ✓ More about Machine Learning

Dr. Prajakta Warale- IQAC Coordinator
(9673362221)



Speaker
Dr. Gopal Krishna Sharma
Director , Fiserv India Pvt. Ltd.



Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management Research
and Development,Pune-43

Given below are the details of FDP

Date - 12th September 2020

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E-Certificates will be given to all the attendees after submitting a feedback form

Speaker - Dr. Gopal Krishna Sharma

-Director, Fiserv India Pvt.Ltd.

-Expert in Analytics and AI Platform

-Ph.D. Operations Research




For any query Contact:

FDP Coordinator-
Dr. Prajakta Warale- 9673362221

Thanks & Regards,
Dr. D. B. Bharati,
Director, RIMRD, Pune -43

- Warm Regards,
Dr. Prajakta Warale
BE, MBA, Ph.D.
IQAC Coordinator, RIMRD, Pune-43





RIMRD
welcomes you to
e-fdp series
An IQAC Cell Initiative

FREE

e-FDP on
The future of Data and Analytics: Tales and trends from the centre to edge

Date: 12th Sep 2020, 12:30pm-1:30pm
e-certificate will be provided.

Registration Link:
<https://forms.gle/JT3NvM7j36o6235X7>

Key Takeaways

- ✓ Expert knowledge in the field
- ✓ Business & Analytics
- ✓ Trends in Data Analytics
- ✓ More about Machine Learning

Dr. Prajakta Warde | IQAC Coordinator
(9823362221)

Speaker:
Dr. Gopal Krishna Sharma
Director, Fiserv India Pvt. Ltd.

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management Research
and Development Pune-43



Rajgad Dnyanpeeth's
**RAJGAD INSTITUTE OF MANAGEMENT RESEARCH AND
DEVELOPMENT, PUNE-43**
(Approved by AICTE, Recognized by GoM, Affiliated to Savitribai Phule Pune University)

WELCOME

E-Faculty Development Programme

The future of Data and Analytics, Tales and Trends from Centre to Edge

12th September 2020

Resource Person
Dr. Gopal Krishna Sharma
BE (Civil), M.Tech- Ph.D (Operations Research, Data Analytics)
Director-Fiserv India Pvt. Ltd.
Data Analytics and AI Expert





Dr. D. B. Bharati
Hon'ble Director, RIMRD

Education:

M.Com, MBA, M.Phil, Ph.D.(Banking & Finance)

Work experience:

30+ years of experience in academics and consultancy

Association:

Research Guide, Financial Management and Banking & Finance,

Member, Faculty of Commerce & Management, SPPU,

Member, IBM Board of Studies, SPPU,

Member, RR Committee Finance Board, SPPU,

Member, RR Committee Finance Board, DPU, Pimpri,

Former Academic Council Member, SPPU

Resource Person

Dr. Gopal Krishna Sharma

BE (Civil), M.Tech. Ph. D (Operations Research ,Data Analytics)

Director-Fiserv India Pvt. Ltd.

Data Analytics and AI Expert

20+ years of work experience



Work Experience:

- Director, Fiserv India Pvt. Ltd. (2019 Till Date) - 1.5 Yrs
- Director, Fiserv in charge of Digital Channels Group - 6.5 Yrs.
- Practice Manager, Infosys Technologies Limited, India - 6 Yrs.
- Head of delivery for APAC of Finacle® Suite of Products - 1 Yrs.
- Head of the Finacle Maintenance Apr 1999 - Mar 2001 - 2 Yrs
- Finacle Core Banking Development - 3 Yrs.

Major Responsibilities :

- Development of an AI Platform, Chat Bot and the SharePoint development team.
- Development and testing of all Internal Systems in Fiserv India
- Delivery of professional services for Internet banking and CRM solutions for 60 financial institutions
- Meeting quarterly revenue and profitability targets with 97% predictability
- Client Management and final implementation of Finacle Solution in the region
- Bug fixes and maintenance version releases for Finacle suite of products



Thank you

Queries??



Dr. Gopal Krishna Sharma

Phone: +91-80-23460157

Mobile: +91-9845283693

Email: gopalaks@yahoo.com

WORK EXPERIENCE

Director, Fiserv

Feb 2019 Till Date

Responsible for development of an *AI Platform* to cater to all the data related Models Development for the customers and internal use.

Responsible for the Chat Bot development team and the SharePoint development team.

Responsible for the development and testing of all Internal Systems in Fiserv India

Director, Fiserv in charge of Digital Channels Group

Sep 2012 -Jan 2019

Responsible for the development and testing of Online and Mobile Banking products.

Responsible for interfacing with the Product group in the US for the development of various versions of the product

Responsible for a part of Sustained engineering team

Responsible for meeting the annual revenue targets

Participating in the leadership meetings for strategic decisions

Practice Manager, Infosys Technologies Limited, India

Feb 2006 – Sep 2012

Responsible for delivery of professional services for Internet banking and CRM solutions for 60 financial institutions across the world. The current team size is of 500 associates with revenues of 40 MUSD per year.

Responsible for partnering with large financial institutions in helping them succeed in large IT transformation programs with Finacle® playing the lead partner.

Responsible for mentoring mid-level management for the practice which comprises of project managers, program managers and delivery managers.

Responsible for driving initiatives overseen by Infosys Board of Directors to better customer satisfaction score and make Finacle®'s solution quality as industry benchmark.

Responsible for meeting quarterly revenue and profitability targets with 97% predictability.

Head of delivery for APAC of Finacle® Suite of Products.

Jan 2005 – Jan 2006

Was responsible for client management which includes developing CXOs commitment towards transformational programs and acting as the final point of escalation for Finacle solution implementations in the region.

Was responsible for driving presales and business development activities in the region by partnering with sales team and developing reference sites for prospective clients, overseeing the planning and execution of the implementation of all Finacle deployment projects, offshore development of custom components and post deployment annual technical support.

Head of the Finacle Maintenance

Apr 1999 – Mar 2001

Was responsible for bug fixes and maintenance version releases for all banks and financial institutions running on Finacle suite of products (Core Banking, Internet Banking, Treasury and Wealth management) across multiple versions with a team of 80 associates. A maintenance version release involves an effort of less than 2000 person days. Was responsible for meeting the SLAs agreements of clients and version release deadlines for maintenance versions of the product with focus of customer satisfaction and managing internal constraints for higher profit margin from maintenance services.

Developed a talent pool of technically proficient people on native technology of Finacle along with C, C++ and J2EE who can navigate through the highly complex Finacle programs. The current size of Finacle program is 6 million lines of code.



Finacle Core Banking Development

Feb 1996 – Apr 1999

Started as a developer in the Core Banking team, grew into a Manager before taking over as head of Maintenance team. Did stints in the QA team and the Architecture team.

Was involved predominantly in the core domains of Customer, accounts and transactions. This included the GL module, basic configuration module and the End-of-the-day processes module.

EDUCATION

Ph.D.

Jan 1989 - Dec 1995

Indian Institute of Science, Bangalore

Area of Research : Operations Research, Data Analytics

Thesis: Multireservoir Systems Optimization: A New Approach

Dynamic Programming, which is one of the popular optimization techniques, has a limitation when the number of state variables is high. This is overcome through a new approach of a combination of simulation and optimization. The technique is applied to a complex multireservoir system. The results are compared with the steady state solution obtained through classical Dynamic Programming approach. It is concluded that the new technique results in a near optimal solution. It is demonstrated that the new technique can be extended to any complex system, with an example of a hypothetical system with 21 reservoirs. As a part of this, stream flows and rainfall forecasting models were also developed using Analytics techniques.

M.Tech. in Hydraulics and Water Resources Engineering

Aug 1985 – Apr 1987

Karnataka Regional Engineering College, Surathkal

Graduated in April, 1987; First Class with Distinction

Thesis : Remote Sensing Application for Ground Water Assessment.

B.E in Civil Engineering

Aug 1980 – Oct 1984

Sri Jayachamarajendra College of Engineering, Mysore University

Graduated Oct, 1984; First Class with Distinction

ADDITIONAL

Teaching, Indian Institute of Science

Every Saturday

Teaching a course 'Basics of Data Analytics', 'Basics of Machine Learning' and 'Mathematics for Data Science' at *Indian Institute of Science* under the Proficiency Program, and other courses for the past 10 years.

Member of Rotary Club, Served as Director of Vocational services, Treasurer and Secretary at Rotary Club, Cubbon Park, Bangalore during various years



Screenshots



Meeting details

What is data Science

Meeting details

- People (2/1)
- Over
- Group Name: Data Science
- Group ID: 123456789
- Meeting ID: 123456789
- Meeting Link: https://meet.google.com/123456789

Meeting details

Data Mindset

- Data science needs
 - Perseverance
 - Common Sense
 - Domain knowledge
 - Techniques and Technology
 - Tools
- And above all
- Data science needs collaboration**

Meeting details

- People (10)
- Over
- Group Name: Data Science Presentation
- Group ID: 123456789
- Meeting ID: 123456789
- Meeting Link: https://meet.google.com/123456789



Group: Krishna Sharma is presenting

Components to AI

What is AI? the science of making computers do things that require intelligence when done by humans

Deep Learning: Machine Learning

Analytical Analytics: Machine Learning

Translation: Natural Language Processing (NLP)

Classification & Clustering: Machine Learning

Interactive Applications: Machine Learning

Smart to Fool: Expert Systems

Fool to Smart: Expert Systems

Planning, Scheduling & Optimization: Expert Systems

Robotics: Expert Systems

Image Recognition: Expert Systems

Machine Vision: Expert Systems

Learning, Reasoning, Problem Solving, Perception, Language Understanding

Dr. Divyesh Sharma, Dr. Mohan Sharma, S, D, Dr. Sanku Sanyal, Pragy Singh, Anshul Jain, Anshul Jain, Anshul Jain, Anshul Jain

Group: Krishna Sharma is presenting

Algorithms behind Machine Learning

Supervised

Classification	Regression
<ul style="list-style-type: none"> Naive Bayes Least Squares Linear Discriminant Analysis ANN Support Vector Machine 	<ul style="list-style-type: none"> Linear and Multiple Regression Logistic Regression Other regression techniques

- Unidirectional Graph Models for Discrete Variables
- Random Forest
- Neural Networks

Dr. Divyesh Sharma, Dr. Mohan Sharma, S, D, Dr. Sanku Sanyal, Pragy Singh, Anshul Jain, Anshul Jain, Anshul Jain, Anshul Jain



Meeting details: Digital Marketing (Share this presentation)

Algorithms behind Machine Learning

Un-Supervised

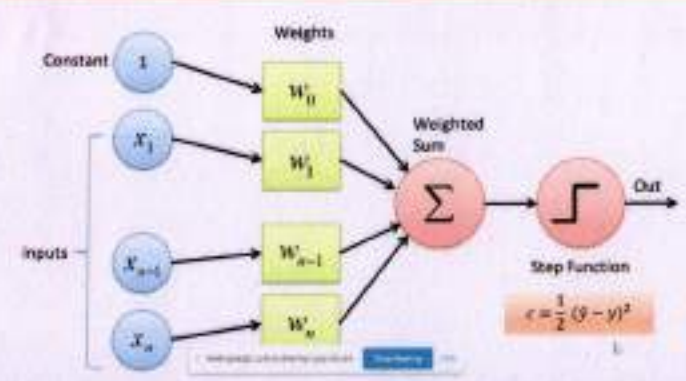
- Clustering**
 - Fractals Method
 - Clustering Algorithms
 - Combinatorial Algorithms
 - k-Means
- Dimensionality Reduction**
 - Principal Components
 - Principal Surfaces
- Genetic Algorithms**
- Swarm Intelligence**
- Independent Component Analysis**
- Active Learning**
- Reinforcement Learning**



Meeting controls: Mute, Video Off, Screen Captions, Applications sharing is presenting

Meeting details: Digital Marketing (Share this presentation)

Artificial Neural Networks



Constant: 1

Inputs: x_1, \dots, x_n

Weights: W_0, W_1, \dots, W_n

Weighted Sum: Σ

Step Function: $f(x) = \frac{1}{2}(y + |y|)$

Output: Out

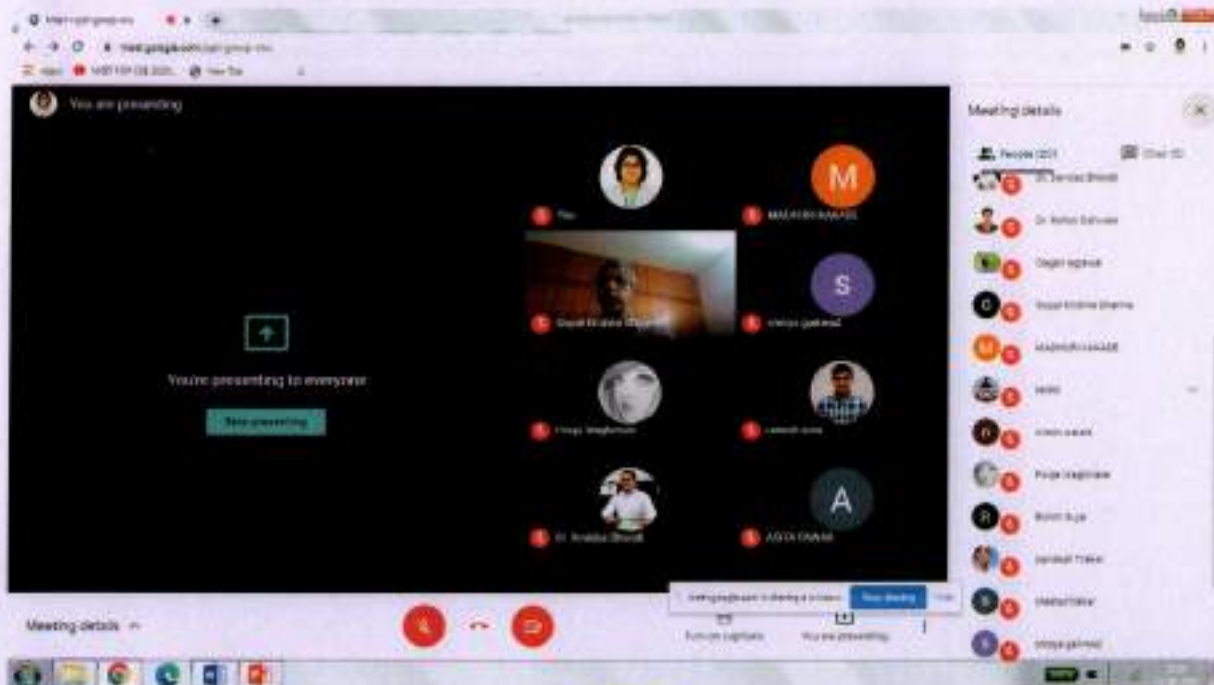
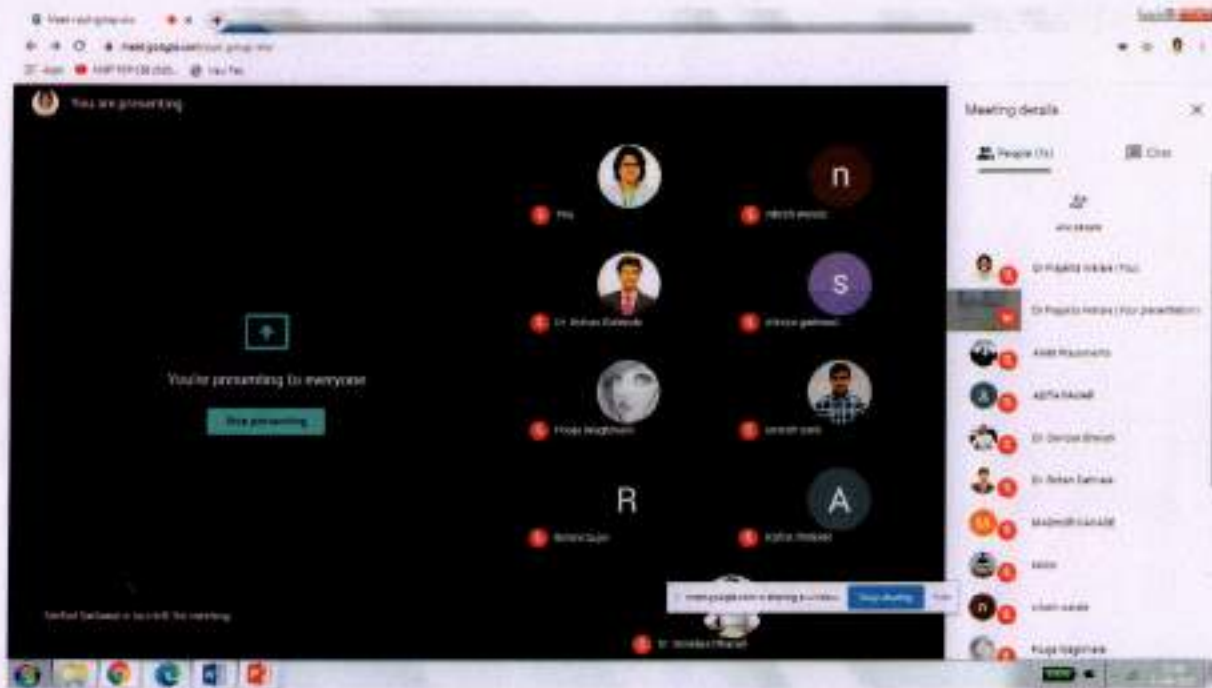
Meeting controls: Mute, Video Off, Screen Captions, Applications sharing is presenting



<https://meet.google.com/ejj-truz-abi>

google meet link for e FDP:

<https://meet.google.com/ppt-qmxx-xtw>



Registration list for "FDP on The future of Data and Analytics: Tales and Trends from Center to Edge"

Timestamp	would appear on the certificate with Salutation Dr./Mr./Mrs./Ms.)	Email id	Name of the institute/ organisation	Contact Number
9/9/2020 0:20	Dr. Prajakta	prajaktawarale@gmail.com	RIMRD	9673362211
9/9/2020 7:59	Umesh Soni	umeshsoni908@gmail.com	Rajgad institute of management	9970229912
9/9/2020 11:26	Prof. (Dr.) Manisha Paliwal	mnpaliwal@gmail.com	VAMNICOM, Pune	9860853579
9/9/2020 11:26	Dr. Ujjwal Mishra	ujjwalmmishra@gmail.com	Sinhgad College of engineering MBA dep.	9822478813
9/9/2020 11:27	Dr. Sheena Abraham	sheena.abrahampune@gmail.com	Poona Institute of Management Sciences	9881736413
9/9/2020 11:27	Dr. Veena Pradip Bhosale	veenapbhosale@gmail.com	KCES's Department of Managment,colleg	9975563908
9/9/2020 11:30	Mrs. Kavita Joshi	kavita_joshi81@gmail.com	Navsahyadri Group of Institutes, Faculty c	9766722114
9/9/2020 11:33	Dr. Milind Audumbar Kulkarni	dr.milind.a.kulkarni@gmail.com	RSM's CDGIMS, Pune	9767725221
9/9/2020 11:36	Dr. Iram Ansari	iramansari@sopatimba.com	S. B Patil Institute of Management	9.19766E+11
9/9/2020 11:57	Dr. Vidya Nakhate	vdy1010@rediffmail.com	Dr. D.Y. Patil Vidyapeeth's Global Busine	9766314576
9/9/2020 12:05	Dr. Jitendra bhandari	profjitendra@gmail.com	MM's IMERT	9049804010
9/9/2020 12:08	Prof. Pravin Thorat	pravin.thorat@dypimca.ac.in	DYPIMCAM	8983248638
9/9/2020 12:09	Dhanraj Keshao Hiwarale	dhanrajhiwarale@gmail.com	D. Y. Patil Institute	9145489947
9/9/2020 12:10	Ms. Pratiksha Suresh Kokane	pratikshakokane2@gmail.com	D.Y. Patil institute of MCA and manageme	9689473804
9/9/2020 12:10	Pooja Waghmare	pooja.waghmare219@gmail.com	RIMRD	9657480310
9/9/2020 12:11	Mr. Milind Devendra Karkarr	milind.d.karkare@gmail.com	DYPIMCAM Pune.	8624001599
9/9/2020 12:15	Mr. Shubham Mahesh Palande	shubham.palande21@gmail.com	Dr Dy Patil Institute of MCA and Managen	7350624064
9/9/2020 12:18	Ms. Nidhi Nikunj Shah	nidhishah02121@gmail.com	Dr. D. Y. Patil institute of master of compu	9503169781
9/9/2020 12:20	Mrs Moni Ray	rai.query@gmail.com	RMD Sinhgad School of Management Stu	9665868554
9/9/2020 12:21	Mr. Dipak C Mule	dipakmule2028@gmail.com	Global Institute of Management, Sangamr	9370499729
9/9/2020 12:23	Aditya Vedpathak	aditya1997@gmail.com	Dy patil institute of MCA and Managemen	9075663461
9/9/2020 12:30	Madhuri Shivaji Kakade	madhurikakade990@gmail.com	Rajgad Institute of Management Research	9284791487
9/9/2020 12:48	Dr Milind Anil Marathe	milindmarathe22@gmail.com	Sinhgad institute of management and con	9822885236



9/9/2020 13:46	GAJANAN MADHAO BADHE	badhe.gm@gmail.com	PES' MICA, PUNE	9822541826
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9/9/2020 14:32	Dr. Sangita Ulhas Gorde	sangitaugorde@gmail.com	SKN Sinhgad School of Business Management	9730557601
9/9/2020 14:33	Mr.	sudhirsitanagre@asmedu.org	ASM IBMR	7387011177
9/9/2020 15:24	Mr.Niraj Chaudhari	nirajchaudhari7@gmail.com	P K Technical Campus , Chakan , Pune	8600857070
9/9/2020 15:24	Mr.Niraj Chaudhari	nirajchaudhari7@gmail.com	P K Technical Campus , Chakan , Pune	8600857070
9/9/2020 15:46	Ms.Swati Jadhav	swatijadhav@asmedu.org	ASM IBMR	9822251608
9/9/2020 16:05	Dr. Asita Ghewari	asita.sa@gmail.com	Camp Education Society's Rasiklal M Dhas	9786347360
9/9/2020 16:48	Ms. Pooja Surendra Prajapati	poojaprajapati436@gmail.com	Institute of technical education research a	8796189072
9/9/2020 17:55	Rohini Gujar	rohinigujar.rj21@gmail.com	Rajgad institute of management research	8999484411
9/9/2020 17:57	Ms. Manjiri D. Kalyankar	kalyankarmanjiri11@gmail.com	Rajgad Institute of Management Research	9373556974
9/9/2020 18:08	Dr Rohan Dahivale	rohandahivale@gmail.com	Rajgad Institute of Management Research	9921613494
9/9/2020 18:23	Mr. Nikhil Kakade	nikhil.kd@yahoo.com	Rajgad Institute of Management Research	8055744407
9/9/2020 19:13	Kandekar	kandekar2000@yahoo.com	Global Institute of Management Sangamn	8830057291
9/9/2020 19:46	Mr. Bhushan Jain	bhushanjain74@gmail.com	Allana Institute of Management Sciences,	8390091785
9/9/2020 19:48	Prof. Priyanka Jibhau Bachhav	priyankabachhav7261@gmail.com	RMD Sinhgad School of Management Stu	9028387281
9/9/2020 19:52	Dr Atik Shaikh	meetatik@gmail.com	Allana Institute of Management Sciences	8007004044
9/9/2020 21:21	Dr. Nilesh Anute	nileshanute@gmail.com	ASM IBMR, PUNE	9730338412
9/9/2020 23:23	Mr. Sandesh Madhavrao Tilekar	sandesh.tilekar@gmail.com	Institute of Business Management and Re	9822039212
9/9/2020 23:26	Mrs. Sheetal Sandesh Tilekar	sheetal.tilekar@gmail.com	Institute of business Management and Re	9850055155
9/10/2020 13:20	Dr. Ujjwal Mishra	ujjwalmmishra@gmail.com	Sinhgad College of Engineering MBA dep	9822478813
9/10/2020 13:49	Dr.Marisha Paliwal	mripaliwal@gmail.com	VAMNICOM	9860853579



Timestamp	Name of the participant (as it would appear)	Email Id	Name of the institute/ organisation	Contact Number
020/09/09	1 Dr.Prajakta	er@gmail.com	rimrd	9673362211
020/09/09	7 Umesh Soni	umeshsoni908@gmail.com	Rajgad institute of management	9970229912
020/09/09	1 Prof.(Dr.) Manisha Paliwal	mnpaliwal@gmail.com	VAMNICOM, Pune	9860853579
020/09/09	1 Dr. Ujjwal Mishra	ujjwalmishra@gmail.com	Sinhgad College of engineering MBA department	9822478813
020/09/09	1 Dr. Sheena Abraham	sheena.abrahampune@gmail.com	Poona Institute of Management Sciences and E	9881736413
020/09/09	1 Dr. Veena Pradip Bhosale	veenapbhosale@gmail.com	KCESA's Department of Management, college	9975563908
020/09/09	1 Mrs. Kavita Joshi	kavita.joshi81@gmail.com	Navsahyadri Group of Institutes, Faculty of Mar	9766722114
020/09/09	1 Dr. Milind Audumbar Kulkarni	dr.milind.a.kulkarni@gmail.com	RSM's CDGIMS, Pune	9767725221
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020/09/09	1 Dr. Vidya Nakhate	vdy1010@rediffmail.com	Dr. D.Y. Patil Vidyapeeth's Global Business Sch	9766314576
020/09/09	1 Dr. Jitendra bhandari	profjitendra@gmail.com	MM's IMERT	9049804010
020/09/09	1 Prof.Pravin Thorat	pravin.thorat@dypimca.ac.in	DYPIMCAM	8983248638
020/09/09	1 Dhanraj Keshao Hiwarale	dhanrajhiwarale@gmail.com	D. Y. Patil Institute	9145469947
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020/09/09	1 Mr. Milind Devendra Karkarr	milind.d.karkare@gmail.com	DYPIMCAM Pune.	8624001599
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020/09/09	1 GAJANAN MADHAO BADHE	badhe.gm@gmail.com	PES' MICA, PUNE	9822541826
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020/09/09	1 Prof.(Dr.) Manisha Paliwal	mnpaliwal@gmail.com	VAMNICOM, Pune	9860853579
020/09/09	1 Dr. Sunanda Jindal	sunandag22@gmail.com	ASM'S IBMR Chinchwad	8605166397
020/09/09	2 Dr. Sangita Ulhas Gorde	sangitaugorde@gmail.com	SKN Sinhgad School of Business Management	9730557601
020/09/09	2 Mr.	sudhirsitanagre@asmedu.org	ASM IBMR	7387011177
020/09/09	3 Mr.Niraj Chaudhari	nirajchaudhari7@gmail.com	P K Technical Campus , Chakan , Pune	8600857070
020/09/09	3 Mr.Niraj Chaudhari	nirajchaudhari7@gmail.com	P K Technical Campus , Chakan , Pune	8600857070



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20/09/09	Rohini Gujar	rohinigujar.rj21@gmail.com	Rajgad institute of management research and c	8999484411
20/09/09	Ms. Manjiri D. Kalyankar	kalyankarmanjiri11@gmail.com	Rajgad Institute of Management Research and	9373556974
20/09/09	Dr Rohan Dahivale	rohandahivale@gmail.com	Rajgad Institute of Management Research and	9921613494
20/09/09	Mr. Nikhil Kakade	nikhil.kd@yahoo.com	Rajgad Institute of Management Research and	8055744407
20/09/09	Mr. Parashram Gangadhar Kandekar	kandekar2000@yahoo.com	Global Institute of Management Sangamner	8830057291
20/09/09	Mr. Bhushan Jain	bhushanjain74@gmail.com	Allana Institute of Management Sciences, Pune	8390091785
20/09/09	Prof. Priyanka Jibhau Bachhav	priyankabachhav7281@gmail.com	RMD Sinhgad School of Management Studies, V	9028387281
20/09/09	Dr Atik Shaikh	meetatik@gmail.com	Allana Institute of Management Sciences Pune	8007004044
20/09/09	Dr. Nilesh Anute	nileshanute@gmail.com	ASM IBMR, PUNE	9730338412
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20/09/10	Pravin Laxman Thorat	82thorat@gmail.com	DYPIMCAM	8983248638
20/09/10	Parashram Gangadhar Kandekar	kandekar2000@yahoo.com	Global Institute of Management	8830057291
20/09/10	Dr shilpa Kankonkar	shilpa_kankonkar@rediffmail.com	Dr D Y patil institute of management studies	9822021774
20/09/10	Dr. Sunil Panditrao Ujagare	sunilu707@gmail.com	RMDSMS-Kondhapuri, Pune	9850176348
20/09/11	Mr. Ashish Krishna Vyas	vyas.ashishk@gmail.com	Zeal ZIBACAR Pune	9422366894
20/09/11	Ms. Mayuri Sonawane	smayuri1738@gmail.com	RIMRD, Pune	9665784744
20/09/11	Mr. Rahul Subhash Bhalerao	rsbhalerao0202@gmail.com	Rajgad institute of management and research a	8805316217
20/09/11	Ms. Mayuri Sonawane	smayuri1738@gmail.com	RIMRD, Pune	9665784744
20/09/11	Dr. Ujjwal Mishra	ujjwalmmishra@gmail.com	Sinhgad College of Engineering MBA departme	9822478813
20/09/11	Mrs. Shreya Shridatta Gaikwad	shreyagaikwad2007@gmail.com	Rajgad Institute of Management Research and	8007049090
20/09/12	Mr. Hrushikesh Salvekar	hrishimail@gmail.com	RIMRD	9823172578
20/09/12	Ms. Mayuri Sonawane	smayuri1738@gmail.com	RIMRD, Pune	9665784744
20/09/12	Mr. Darshan Suresh Mejari	mejari.darshan@gmail.com	IMCD, Nidhi, Pune	9850752964
20/09/12	Prof. VAISHALI JOSHI	j.vaishali@gmail.com	DY patil vidyapeeth	9822528254
20/09/12	Ms. Gazala S Nadap	gazala.nadap@gmail.com	Pjog colleges of Science and Commerce	9975314789
20/09/12	Mr. Gagan Agarwal	gagan_agarwal@yahoo.com	RIMRD	9011048650
20/09/12	Mr. Vaibhav kumbhar	vaibhavkumbhar@gmail.com	Rajgad institute of management	8378970300



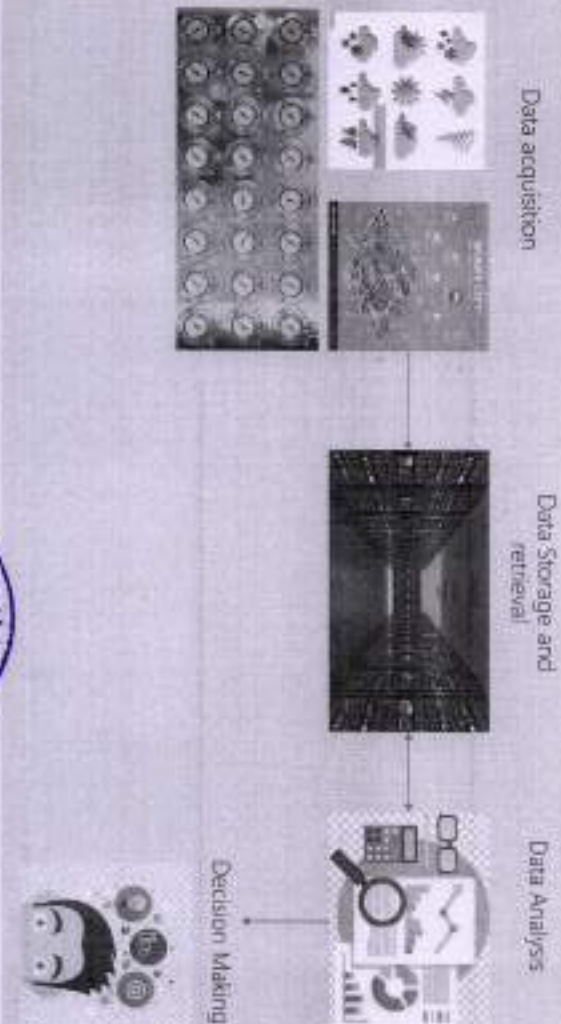
020/09/12 Ms. Garima Aggarwal	aggarwal.garima14@gmail.com	RIMRD	9673059981
020/09/12 Dr. shalini swamy	swamishalini@gmail.com	JSPM	8975082331
020/09/12 Bhushan vinod Birari	biraribhushan96@gmail.com	RIMRD pune	8390358868
020/09/12 Dr. Rakesh Kumar Bhati	rakeshbhati76@gmail.com	SION PUNE	9404032329
020/09/12 Mr. Prashant D Kumbhar	prshant.kumbhar@gmail.com	RMIRD	9822003310



Data Science - An Overview

Dr. Gopal Krishna Sharma

What is data Science



Data Mindset

- Data science needs
 - Perseverance
 - Common Sense
 - Domain knowledge
 - Techniques and Technology
 - Tools

And above all

Data science needs collaboration



Programming – Is it necessary

- Several Programming Languages
 - Python, R, Julia
- Several very good software products
 - These make it possible to do analysis without coding
- In situations where standard techniques can not be applied, coding becomes necessary



Approach to learning

- Top down

- Start with Math and Statistics
- Proceed with each topic till the end

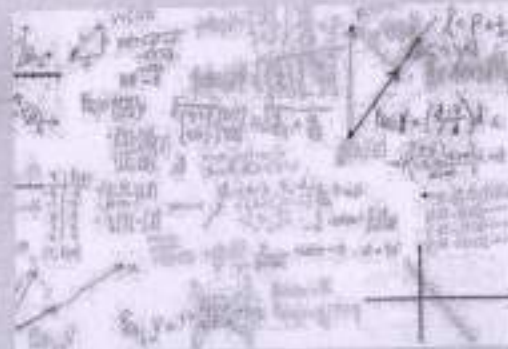


- Iterative

- Start at the basics
- Pause and implement what you learn
- Continue with the next topic

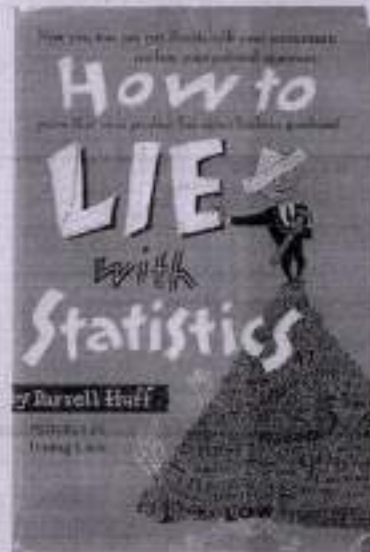
Mathematics behind data science

- Probability and Stochastic Processes
- Linear Algebra
- Calculus



Watch out!

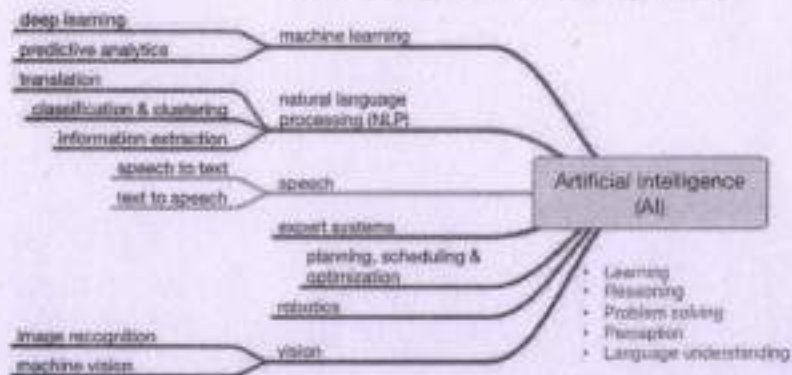
- Relate the math to the physics of the data
 - Spurious Correlation



Components to AI

What is AI?

the science of making computers do things that require intelligence when done by humans



Algorithms behind Machine Learning

Supervised

Classification

- Naive Bayes
- Least Squares
- Linear Discriminant Analysis
- KNN
- Support Vector Machines

Regression

- Linear and Multiple Regression
- Logistic Regression
- Other regression techniques

- Unidirectional Graph Models for Discrete Variables
- Random Forest
- Neural Networks

Algorithms behind Machine Learning

Un-Supervised

Clustering

- Proximity Matrices
- Clustering Algorithms
- Combinatorial Algorithms
- K-Means

Dimensionality Reduction

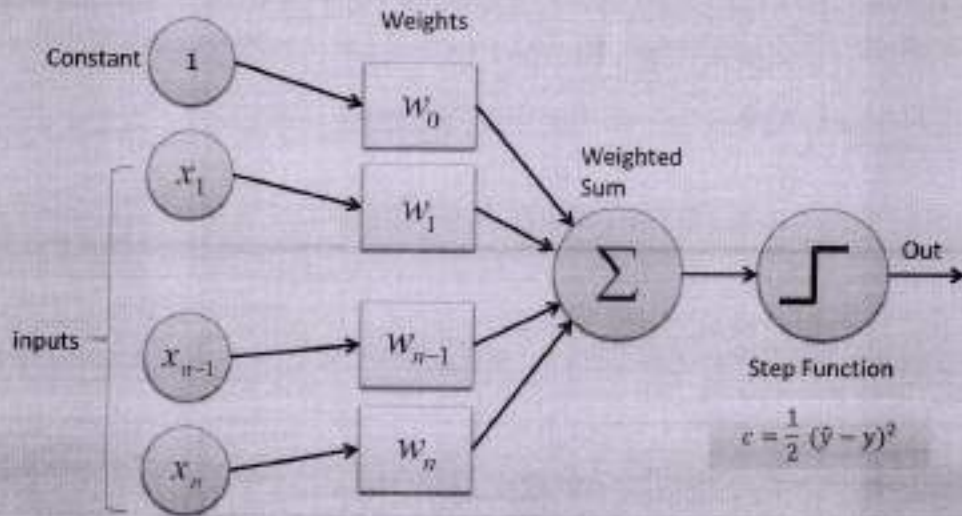
- Principal Components
- Principal Surfaces

Genetic Algorithms Swarm Intelligence

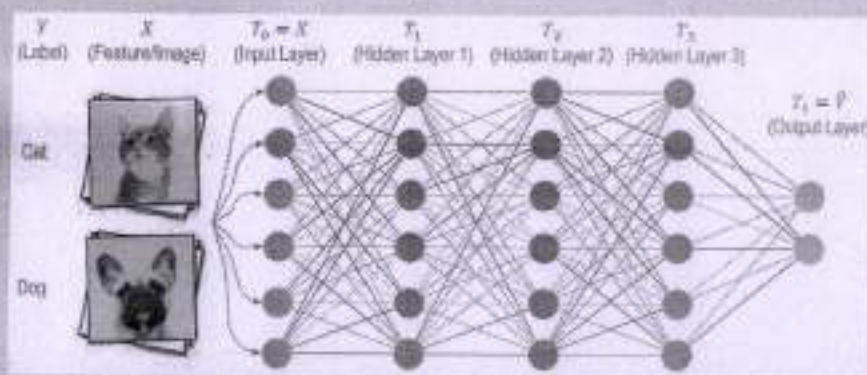
- Independent Component Analysis
- Active Learning
- Reinforcement Learning



Artificial Neural Networks



Deep Networks



- Feed Forward
- Back Propagation
- Stochastic Descent optimization



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DEVELOPMENT , PUNE-43, MAHARASHTRA

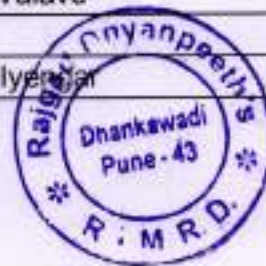
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National Webinar on "Effective Research Paper Writing and Publication in High Quality UGC Care Listed Journals" on 28th December 2020

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5	Dr Pranav Kayande	pranavkayande@mmimert.edu.in
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DEVELOPMENT, PUNE-43**

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Certificate of Participation

This certificate is awarded to

Mr. Bhushan Jain

for successful participation in e-FDP on **“The future of Data and Analytics:
Tales and Trends from center to Edge”** conducted by RIMRD, Pune-43
on 12th Sept 2020.

Dr. Prajakta Warale
Coordinator

IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Certificate ID: 70K7U4U-CE000017



Dr. D. B. Bharati
Director

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043



Feedback form of e-FDP on The future of Data and Analytics: Tales and



Questions Responses 35

Total points: 0



Feedback form of e-FDP on The future of Data and Analytics: Tales and Trends from centre to edge

You are requested to submit the feedback form for FDP

Email address *

Valid email address



This form is collecting email addresses. [Change settings](#)



e-FDP on
The future of Data and Analytics: Tales
and trends from the centre to edge



RIMRD
welcomes you to
e-fdp series -
An IQAC Cell Initiative

FREE

Date: 12th Sep 2020, 12:00pm-1.30pm
e-certificate will be provided.

Registration Link:

<https://forms.gle/jT3NvM7j39oG28SX7>

Key Takeaways

- ✓ Expert knowledge in the field
- ✓ Business & Analytics
- ✓ Trends in Data Analytics
- ✓ More about Machine Learning

Dr. Prajakta Warale- IQAC Coordinator
(9673362221)



Speaker:
Dr. Gopal Krishna Sharma
Director, Fiserv India Pvt. Ltd.



Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's



Name of the participant as required on e-Certificate (Mr./Ms./Mrs./Dr.) *

Short answer text

Name of the organisation/institute *

Short answer text

Please provide your feedback on FDP *

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagr...
Learning objecti...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Resource perso...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Presentation w...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
e-FDP was well ...	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





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FDP Report

Academic Year-2021-22



Shree Mangal Cooperative Society, Dhankawadi Rd.
Girinagar Society, Anant Nagar, Kala Nagar, Dhankawadi,
Pune, Maharashtra 411043, India

Latitude Longitude
18.4644735° 73.8553133°
Local 12:52:31 PM Altitude 569.3 meters
GMT 07:22:31 AM Thursday, 23-09-2021

Note : Rajgad Institute of Management Research and Development



32, Girinagar Society, Anant Nagar, Kala Nagar, Dhankawadi,
Pune, Maharashtra 411043, India

Latitude Longitude
18.4644134° 73.855325°
Local 12:53:12 PM Altitude 575.8 meters
GMT 07:23:12 AM Thursday, 23-09-2021

Note : Rajgad Institute of Management Research and Development

Name of Programme	FDP on Course Framework & Formulation of PSOs
Day and Date	23 Sept 2021, 11am – 2.00pm
Venue	Classroom No.-1
Name of Resource Persons	Dr.Prajakta Warale
Name of Cell	Internal Quality Assurance Cell
Name of Coordinator	Dr. Prajakta Warale





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FDP on "Course Framework & Formulation of PSOs"

23rd September 2021

Institute organised One Day internal FDP on "Course Framework & Formulation of PSOs" on 23rd September 2021 from 11 am to 2pm.

Objectives of Faculty Development Program:

1. To outline the features of outcome based education
2. To describe the structure of course file
3. To understand the mechanism of CO-PO mapping and CO Attainment
4. To formulate Programme Specific Outcome (PSOs)

Description of FDP:

FDP was especially focused on information sharing on how to prepare course file and explain the CO-PO mechanism. This FDP was organized keeping in mind the new changes in the revised MBA Syllabus 2019 in the field of Management education. Total 12 participants participated in the FDP.

Total faculty participants: 12

The internal FDP was conducted by Dr.Prajakta Warale. Session started with explaining the importance of course file. During the session various components of course files were explained such as course framework, Teaching and assessment plan, Comprehensive concurrent evaluation pattern in detail.

In the beginning MBA syllabus of 2019 pattern was explained in details. PEOs, GAs, COs and POs were explained to all staff members. Course file is an important document as far as curriculum planning is concerned. Rubrics for CCE was explained in greater details. Example of CO-PO mapping, CO-PSO mapping, CO-CCE mapping, CO-Teaching Learning Activity mapping was explained to all members. BLOOMS Taxonomy and various cognitive abilities were highlighted. Resource person explained all COs for the course, how to select proper concurrent evaluation tool to judge cognitive ability of the student. She gave various examples in HRM and Marketing. She further discussed the



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recent case study of failure of CCD and how it was related to Economics, Strategic Management, Finance and HR. All participants clarified their doubts regarding BLOOMS taxonomy.

Further she explained regarding target attainment levels for course. PSO formulation exercise was done. The feedback/comments/expectations received from staff members, Industry representatives (employers) and graduating students for MBA programme were analysed and recorded. Resource person explained regarding what are PSOs, its importance and shared few examples related to PSOs. A brainstorming session was conducted to define PSOs for each specialisation. PSOs formulation exercise was conducted. Each specialisation house coordinator defined the PSOs.

In the end all specialisation House coordinator submitted PSOs to IQAC Coordinator.

Outcome:

- All faculty members learnt in detail about course framework, its structure etc.
- FDP helped in creating awareness and bringing more clarity in understanding Outcome Based Education (OBE).
- All faculty members understood the course rubrics and BLOOMS Taxonomy
- FDP helped in knowledge sharing on CO-PO mapping, CO Attainment mechanism, direct and indirect attainment.
- PSOs were formulated for each specialisation.

Dr. Prajakta Warale
Coordinator - IQAC

IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Dr. Rohan Dahivale
HOD & Academic Dean



Dr. D. B. Bharati
Director

Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043



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Glimpses of FDP



32/1/1, Dhankawadi Rd, Girinagar Society, Anant Nagar,
Kala Nagar, Dhankawadi, Pune, Maharashtra 411043, India

Latitude 18.4644449° Longitude 73.8553422°

Local 12:52:00 PM Altitude 569.3 meters
GMT 07:22:00 AM Thursday, 23-09-2021

Note : Rajgad Institute of Management Research and
Development



FV74+V39, Girinagar Society, Anant Nagar, Kala Nagar,
Dhankawadi, Pune, Maharashtra 411043, India

Latitude 18.4644793° Longitude 73.8553548°

Local 12:53:28 PM Altitude 569.3 meters
GMT 07:23:28 AM Thursday, 23-09-2021

Note : Rajgad Institute of Management Research and
Development

Dr.Prajakta Warale explaining about CO-PO
Mapping and PSO Formulation

PSO Formulation exercise by Operations and
supply chain House





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Glimpses of the FDP



Shree Mangal Cooperative Society, Dhankawadi Rd,
Girinagar Society, Anant Nagar, Kala Nagar, Dhankawadi,
Pune, Maharashtra 411043, India

Latitude	Longitude
18.4644735°	73.8553133°
Local 12:52:31 PM	Altitude 569.3 meters
GMT 07:22:31 AM	Thursday, 23-09-2021

Note : Rajgad Institute of Management Research and Development



32, Girinagar Society, Anant Nagar, Kala Nagar, Dhankawadi,
Pune, Maharashtra 411043, India

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Local 12:53:12 PM	Altitude 575.8 meters
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Note : Rajgad Institute of Management Research and Development

Dr. Prajakta Warale
Coordinator - IQAC

IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Dr. Rohan Dahivale
HOD & Academic Dean



Dr. D. B. Bharati
Director

Dr. D. B. Bharati
Director
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21/09/2021

NOTICE

All the teaching staff of the institute are hereby informed that the institute has organised a internal Faculty Development Programme on "Course Framework & Formulation of PSOs" on 23rd September 2021 from 11am to 2pm.

Resource Persons for the FDP:

Dr.Prajakta Warale (Associate Professor & IQAC Coordinator - Rajgad Institute of Management and Research, Pune)

All staff are requested to attend the programme.

Dr.Prajakta Warale

FDP & IQAC Coordinator
IQAC Coordinator
Rajgad Dnyanpeeth's
Rajgad Institute of Management
Research and Development,
Dhankawadi, Pune - 411 043

Dr.Rohan Dahivale

Academic Dean & HOD

Dr.D.B.Bharati

Director
Dr. D. B. Bharati
Director
Rajgad Dnyanpeeth's
Rajgad Institute of Management
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FDP on Course Framework & Formulation of PSOs

Date: 23/09/2021

Attendance Sheet

Name of Faculty	Signature
Dr. P. N. Warale	
Mr. A. A. Ghatge	
Mr. Anant Kulkarni	
Mr. Amol Nikam	
Mrs. Pooja Laghmare	
Dr. Rohan Dalivale	
Ms. Kakade Madhuri S.	
Ms. Manjiri D. Kalyankar	
Ms. Nandlata P. Karble	
Ms. Rohini Gajjar	
Mrs. Shreyya Gaitkard	

Dr. D. B. Bharati

Director





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Date: 24/9/2021

PSOs Formulation Exercise

Name of Specialisation House: Human Resource Management

Name of Coordinator: Ms. Rohini Gufaz

Programme Specific Outcomes (PSOs): On successful completion of the program student will be able

PSO1	To design plans & policies of Human Resource Management to face challenges in business organization.
PSO2	To inculcate specialized knowledge & skills acquired by HR manager for managing & improving Industrial Relations.
PSO3	To promote legal & discretionary benefits to the employees in real time work environment of an organization.

Name and Signature of Faculty Member/s:

- 1) Ms. Rohini Gufaz -
- 2) Mrs. Manjira Kalyankar -
- 3) Mrs. Pooja Waghmare -

PSOs checked by

Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

Dr. Rajay Dabivale
HOD

PSOs Approved by

Dr. D. B. Bharati
Director





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Date: 24/9/2021

PSOs Formulation Exercise

Name of Specialisation House: Marketing

Name of Coordinator: Ms. Namrata Peakash Kamble

Programme Specific Outcomes (PSOs): on successful completion of the program, student will able to

PSO1	<u>work successfully as a Management Graduate with requisite skill set. acquired from marketing domain</u>
PSO2	<u>Utilized marketing skills in areas like consumer behaviour, Marketing Research, Product development, sales & distribution management</u>
PSO3	<u>Design & apply various marketing strategies to overcome the challenges in marketing areas.</u>

Name and Signature of Faculty Member/s:

- 1) Ms. Namrata Kamble - [Signature]
- 2) Mr. Amol Nikam - [Signature]
- 3) Mr. Anant Kulkarni - [Signature]

PSOs checked by

[Signature]
Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

[Signature]
Dr. Rohan Dahivale
Academic Dean/HOD

PSOs Approved by

[Signature]
Dr. D. B. Bharati
Director





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Date: 24/9/2021

PSOs Formulation Exercise

Name of Specialisation House: OSCM

Name of Coordinator: Dr. Rohan P. Dahivale

Programme Specific Outcomes (PSOs): On successful completion of the program, student will be able

PSO1	To DEVELOP quality & operational strategies to overcome the various challenges in the era of 'Industry 4.0'.
PSO2	To DESIGN suitable service system models for various sectors & enhance their existing operational efficiency.
PSO3	To ACQUIRE decision making skills by effectively implementing the theories & models related to logistics & SCM.

Name and Signature of Faculty Member/s:

- 1) Dr. Rohan P. Dahivale *Balimbe*
- 2) Ms. Manjiri D. Kalyankar. *MJK*
- 3) Mr. Amol Nikam *Amol*

PSOs checked by

Prarale
Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

Balimbe
Dr. Rohan Dahivale
Academic Dean/HOD

PSOs Approved by

Bharati
Dr. D. B. Bharati
Director





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Date: 24/9/2021

PSOs Formulation Exercise

Name of Specialisation House: Business Analytics

Name of Coordinator: Dr. Prajakta Warale

Programme Specific Outcomes (PSOs): On successful completion of the program student will be able

PSO1	To apply knowledge & skills of business analytics in multiple business domains.
PSO2	To analyse big data and have proficiency over various tools & models of business analytics.
PSO3	To work successfully as data scientist/analyst with requisite skillset acquired from specialized domain.

Name and Signature of Faculty Member/s:

- 1) Dr. Prajakta Warale -
- 2) Mr. Anant Kulkarni -
- 3)

PSOs checked by

Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

Dr. Rohan Dahivale
Academic Dean/HOD

PSOs Approved by

Dr. D. B. Bharati
Director





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Date: 24/9/2021

PSOs Formulation Exercise

Name of Specialisation House: Tourism and Hospitality Management

Name of Coordinator: Manjiri D. Kalyankar

Programme Specific Outcomes (PSOs): On successful completion of the program students will be able to:

PSO1	To analyse the global trends and emerging issues in the area of travel, tourism & hospitality sector.
PSO2	To design plans and structured policies of tourism to face challenges and sustain in Tourism Industry.
PSO3	To evaluate current market scenario & suggest Hospitality strategies for managing various events, standalone units, and small/large Hotel chains.

Name and Signature of Faculty Member/s:

- 1) Ms. Manjiri D. Kalyankar.
- 2) Mr. Amol Nikam
- 3) Dr. Rohan Dahivale

PSOs checked by

Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

Dr. Rohan Dahivale
Academic Dean/HOD

PSOs Approved by

Dr. D. B. Bharati
Director





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PSOs Formulation Exercise

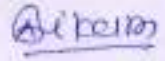
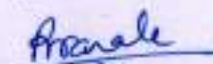

Name of Specialisation House: Pharma & Healthcare management (PHM)

Name of Coordinator: Mr. Amol Nikam.

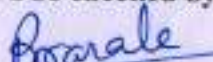
Programme Specific Outcomes (PSOs): on successfully completing the program the student will be able to —

PSO1	Demonstrate comprehensive knowledge & understand alternative system of medicine in pharma & healthcare management.
PSO2	Evaluate healthcare practices, policies, laws related to hospitals and role of IT by following scientific approach to knowledge development.
PSO3	Work successfully as a management graduate with requisite skill set acquired from pharma & healthcare domain.

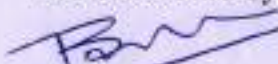
Name and Signature of Faculty Member/s:

- 1) Mr. Amol Nikam 
- 2) Dr. Prajakta Warale 
- 3) Ms. Pooja Waghmare 

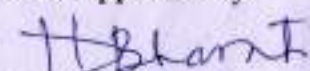
PSOs checked by


Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by


Dr. Rohan Dahivale
Academic Dean/HOD

PSOs Approved by


Dr. D. B. Bharati
Director





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Date: 24/9/2021

PSOs Formulation Exercise

Name of Specialisation House: International Business Management

Name of Coordinator: ME. Abhay Anant Pathak

Programme Specific Outcomes (PSOs): On successful completion of the program student will be able

PSO1	To use economics tools to analyze current trends/ issues of International market of Economics
PSO2	To formulate the policies, Procedures and documentation relating to foreign trade operations.
PSO3	To work successfully as a management graduate with requisite skill set & to evaluate the knowledge from International Business

De main

Name and Signature of Faculty Member/s:

- 1) ME. Amol Nikam
- 2) MS. Pooja Waghmare
- 3) ME. Anant Kulkarni

PSOs checked by

Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

Dr. Rohan Dahivale
HOD

PSOs Approved by

Dr. D. B. Bharati
Director





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Date: 24/9/2021

PSOs Formulation Exercise

Name of Specialisation House: Finance House.

Name of Coordinator: Mrs. Pooja Waghmare.

Programme Specific Outcomes (PSOs): on Successful completion of the Program
Student will be able

PSO1	To demonstrate Financial modelling skills to use Finance for growth and development of business organisations.
PSO2	To take all the financial decisions on the basis of various financial reports.
PSO3	To analyse the global trends & emerging issues in the area of finance and Accounts.

Name and Signature of Faculty Member/s:

- 1) Pooja Waghmare
- 2) Madhuri Kakade
- 3) Abhay Patil

PSOs checked by

Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

Dr. Rohan Dahivale

PSOs Approved by

Dr. D. B. Bharati
Director





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PSOs Formulation Exercise

Name of Specialisation House: Rural and Agribusiness Management (RABM)

Name of Coordinator: Mr. Anant Kulkarni

Programme Specific Outcomes (PSOs): on successful completion of the Program student will be able to,

PSO1	To develop expertise in creation and management of Rural and Agri-business ventures.
PSO2	To disseminate recent ICT innovations in Agriculture in the context of Indian Rural Economy.
PSO3	To promote consultative approach in management of credit, marketing, supply chain for Agri and Rural Entrepreneurs.

Name and Signature of Faculty Member/s:

- 1) Mr. Anant Kulkarni -
- 2) Ms. Namrata Karble -
- 3) Ms. Madhuri Kakode -

PSOs checked by

Dr. Prajakta Warale
Coordinator-IQAC

PSOs Reviewed by

Dr. Rohan Dahivale

PSOs Approved by

Dr. D. B. Bharati
Director





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Contribution in terms of Research

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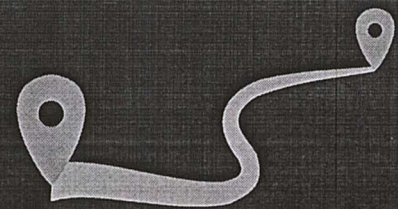
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Insurance Sector in India

Today's Reality and
the Path Ahead

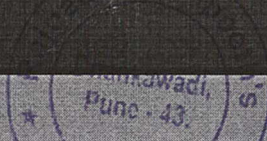


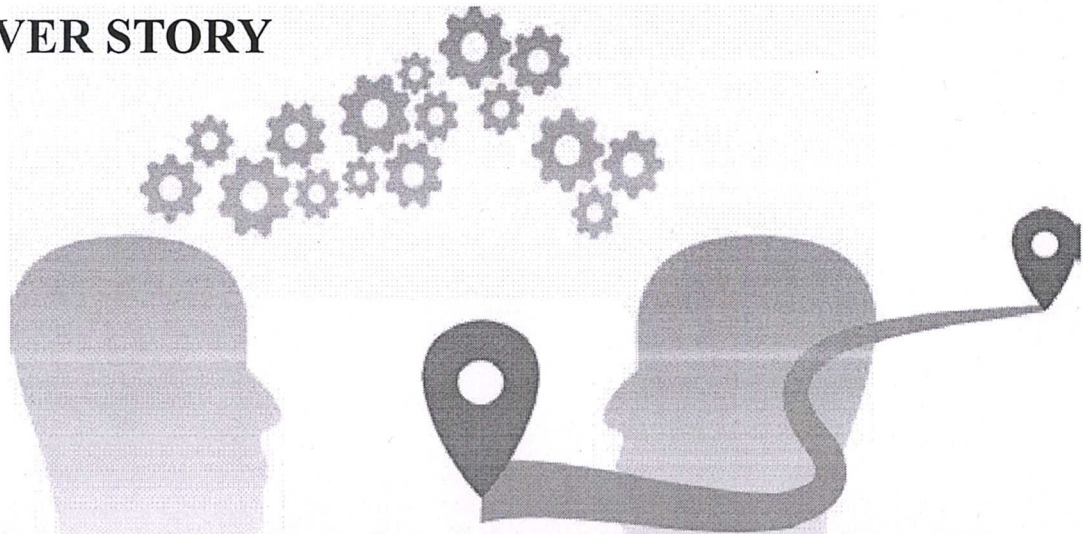
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DISRUPTIVE INNOVATION IN INSURANCE SECTOR: A PATH TOWARDS PROGRESS



Dr. Rohan P. Dahivale
HoD & Dean Academics

Rajgad Institute of Management Research & Development
Pune

A] Disruptive Innovation:

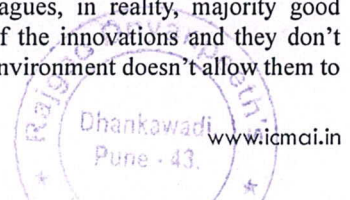
If any business is interested in the creation of a new market along with a value network by eventually disrupting an existing market with its value network that business should know the concept of disruptive innovation. This business theory displaces an established market leading organizations, products, services, and alliances.

Disruptive Innovation is defined by The Harvard Business Review as "A process whereby a smaller company with fewer resources is able to successfully challenge established incumbent businesses". Here explicitly, current existing businesses focus on getting better with their services and products for their most profitable and demanding customers. The entrants target some of the niche marketing segments and sometimes they prove innovative disruptive business design by profitably targeting some of the overlooked marketing segments. These in return gain a toehold as these business models prove to be more suitable in terms of functionality and often at a lower price.

Abstract

A disruption innovation is a concept which generally originates from less demanding customers at the low end or non-existent (or new) markets. It is a process and not a product or service. This new business model significantly differs from the current existed. The future market will be owned by the customer demand and low-cost services with transparency in the process with high-quality digital services must be offered by the insurers to sustain in the competitive world. The future customers in front of the insurers are the millennials and the post-millennials era people; these are digitally and technologically advanced customers. Thus there must a service offers accordingly to attract and retain them. This paper highlights the use of disruptive innovation in the insurance sector.

Earlier it was thought that the theory of 'disruption innovation' was all about constant upward climbing efforts by the organization, technologically. If organizations failed to do so, it can cause a rapid downhill slide. According to Christensen' and colleagues, in reality, majority good organizations are aware of the innovations and they don't arise first as the business environment doesn't allow them to



do so as the steps are not enough profitable.

On the contrary, the start-up organizations can adopt occupy different value network. With these innovations, the already established firms just can have a small loss in the market share or maybe there are too many new entrants in the marketing environment. In such cases, sustainability is the bigger reward. Such services or products offered by the organizations through disruptive innovations generally skip the various traditional stages in the 'new product development' stages. To gain a quicker market share and get a competitive advantage, the development process is also faster.

Disruptive innovations are mostly ignored by the already well-established organizations, as they generally offer tight profit margins. Disruptive innovations still are always in the phase of 'closer to customer demand approach' at regular time stages these can be strategically counterproductive. Still, they can found sometimes as 'constructive' as slight changes in the services (in case of service failure) may lead to economic benefits. Forward-thinking and constructive innovations should always be encouraged.

B] Global Scenario of Indian Insurance Sectorⁱⁱ:

During the year 2018, the share of India was 1.92 %, in the global insurance market. Considering the Indian population, these figures are considerably low. Nevertheless, during the year 2018 in India, the total insurance premium was increased by 9.3% (inflation-adjusted). While across the globe the total insurance premium was increased by 1.5%

(inflation-adjusted).

Globally share of Life Insurance was 53.40% of the total premium while in Indian business it was higher i.e. 73.85%. Thus the share of non-life insurance was globally 46.60% and in Indian business, it was 26.15% during the year 2018.

Among 88 countries, India was at 10th Rank in the life insurance market. According to Swiss Re India's share in global life, the insurance market was 2.61% in the year 2018. The life insurance premium was increased by 7.7% (inflation-adjusted) during the year 2018 in India; while the global life insurance premium was increased by 0.2% (inflation-adjusted).

India was at 15th Rank in the non-life insurance market. India's share in the global life insurance market was 1.1% in the year 2018. The non-life insurance premium was increased by 14.0% (inflation-adjusted) during the year 2018 in India. During this period global non-life insurance premium was increased by 3.0% (inflation-adjusted).

Life Regions/ Countries	Life	Non-Life	Total
Advanced Markets	0.8	1.9	1.3
Emerging Markets	-2.0	7.1	2.1
Asia-Pacific	-0.1	6.4	2.1
India	7.7	14.0	9.3
World	0.2	3.0	1.5

Table 1: Total Real Premium Growth Rate (in%): 2018
(Source: Swiss Re, Sigma No. 3/2/2019)

C] Insurance Penetration and Density in India:

Year	Life		Non-Life		Insurance Sector	
	Density (USD)	Penetration (%)	Density (USD)	Penetration (%)	Density (USD)	Penetration (%)
2001	9.10	2.15	2.40	0.56	11.50	2.71
2002	11.70	2.59	3.00	0.67	14.70	3.26
2003	12.90	2.26	3.50	0.62	16.40	2.88
2004	15.70	2.53	4.00	0.06	19.70	3.17
2005	18.30	2.53	4.40	0.61	22.70	3.14
2006	33.20	4.10	5.20	0.60	38.40	4.80
2007	40.40	4.00	6.20	0.60	46.60	4.70
2008	41.20	4.00	6.20	0.60	47.70	4.60
2009	47.70	4.60	6.70	0.60	54.30	5.20
2010	55.70	4.40	8.70	0.71	64.40	5.10
2011	49.00	3.40	10.00	0.70	59.00	4.10
2012	42.70	3.17	10.50	0.78	53.20	3.96
2013	41.00	3.10	11.00	0.80	52.00	3.90
2014	44.00	2.60	11.00	0.70	55.00	3.30
2015	43.20	2.72	11.50	0.72	54.70	3.44
2016	46.50	2.72	13.20	0.77	59.70	3.49
2017	55.00	2.76	18.00	0.93	73.00	3.69
2018	55.00	2.74	19.00	0.97	74.00	3.70

Table 2: Insurance Density and Insurance Penetration in India (Year 2001 to Year 2018)
(Source: Swiss Re, Sigmaⁱⁱⁱ, Various Issues)

Note:

1. Insurance Density is measured as ratio of 'Premium' (in USD) to 'Total Population'.
2. Insurance Penetration is measured as ratio of 'Premium' (in USD) to 'GDP' (in USD).



From Table 2, it can be clearly seen that during the first decade of the 21st century, the insurance sector showed a consistent growth from 2.71% (in the year 2001) to 5.20% (in the year 2009) i.e. insurance penetration. Thus this period is called the insurance sector liberalization in India. Since the year 2009, insurance penetration is showing decline figures. Similarly, the insurance density levels are constantly increased since the year 2001 (USD 11.50) to the year 2010 (USD 64.40). After the year 2010, figures showing a slight decline further but gradually regaining the insurance density levels in the year 2018 (USD 74.00).

For the life insurance sector, the insurance density is showing a similar trend like the total density figures. Since the year 2001 (USD 9.10), it showed peak value during the year 2010 (USD 55.7) and now gained in the year 2018 (USD 55.0) after a downfall. The insurance density for non-life insurance is showing steady growth since the year 2001 (2.40 USD) to the year 2018 (19.0 USD).

D] Disruptive Innovation in Insurance Sector:

Up till now, we saw the concept of Disruption Innovation and the current scenario of the Indian insurance sector in brief. Many organizations usually provide attention towards the most profitable customers with the provision of ever-improving services and here less demanding customers are being paid lesser attention.

The focus of the insurers was on the baby boomers (Born 1946-1964) and Generation-X (Born 1965-1980) and these customers will continue to be in focus. But much attention must be given to millennials (Born 1981-1996). The main focus and target customers are millennials. There must be unique plans to attract these customers. In the coming years, insurers should have attractive plans for the Post-Millennials (Born 1997-Present) and a team should be appointed to focus on a strategic action plan for these customers. These are the future customers which creates a space for the disruptors as new entrants.

For the insurers targeting these Millennials for a few unique new policies is needed as these customers are grown up in a technologically saturated and advanced world. In this era, interactive buying experiences along with instantaneous buying experiences are the usual norms. Insurers that will provide such policies specially carted to the wants and needs of these customers will blossom for sure. A traditional payout plan at death or late retirement or after death is not the only satisfactory offerings for these generations. Customers are looking for some non-traditional insurance services offerings those can be beneficial to them during their life span may be at regular intervals or at the peak time zone of their needs. This is the reason for outside vendors with a lot of capital investment and massive amounts are the key disruptors.

E] A Path Ahead

- i. It is suggested that organizations can be their own source of disruption; instead of waiting for a new entrant in the competition with new policies with a competitive advantage. The best way for this is to make a review process of the existing policies.

- ii. Policyholders can be rewarded in terms of reduced premium for a healthy lifestyle and non-claims. It will be a win-win situation.
- iii. Fitness club memberships (with discounts through tie-ups), diet plan consultations (yearly or half-yearly), monitoring eating habits through counselling sessions, Webinars of Yoga and healthy lifestyle, etc. can be arranged.
- iv. Health check-ups, staying away from unhealthy habits, etc. can be monitored through a dedicated app and Smartphone. The winning points can be earned by the policyholder which can be converted into cash rewards in terms of reduction in the next premium.
- v. A customized plan with greater flexibility from the insurer side should be offered. The insurer can develop complex and customized plans with a much simpler process of the execution with the help of technological advances.

F] Conclusion

There is value chain breakup in the insurance value chain and tightly vertically integrated value chain is speedily modularized. This has been done by new technologies, which permit for breaking activities across many diverse players. This led the organizations to use this for their competitive advantage and pursue flexible partnerships. Connections with the insurer are changing. This can redirect the attention of the insurer from risk appraisal to risk avoidance. For this to happen, the insurer must convince their customers about connected insurance services and offers are better than the traditional offers. **MA**

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- i. Christensen, Clayton M. (1997). *The innovator's dilemma: when new technologies cause great firms to fail*. Boston, Massachusetts, USA: Harvard Business School Press. ISBN 978-0-87584-585-2
- ii. <https://www.irdai.gov.in>
- iii. <https://www.swissre.com>

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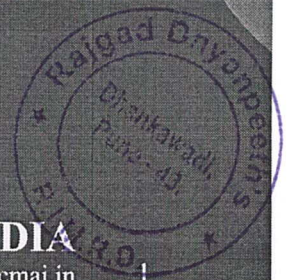
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WOMEN ENTREPRENEURSHIP JOURNEY FROM PAST TOWARDS THE 2020 AND BEYOND: THE INDIAN PERSPECTIVE



Dr. Rohan P. Dahivale
HoD & Dean Academics

Rajgad Institute of Management Research & Development
Pune

Abstract

The challenges and hurdles for women entrepreneurs in the 21st century acquired diverse shape. There are lots of domestic and international marketing opportunities for women entrepreneurs. The dynamic business environment is fortified with various opportunities like technological advances, liberal societal culture, government support and availability of knowledge sources in the country. It looks like a favourable condition for growth of women entrepreneurs in India. Unfortunately, the real scenario is not that fine-looking. India still far behind South Asia and other countries in women entrepreneurship. This paper tries to find the past and current scenario of women entrepreneurs in India. Researcher also highlighted various challenges and hurdles in front of women entrepreneurs in the 21st century.

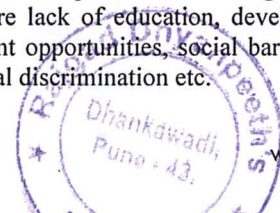
1] Women Entrepreneurs: Journey

The term women entrepreneurs can be defined as “women who organize and manage an enterprise, especially a business¹”.

19th Century and before

Women were operating various small scale and traditional

businesses just to be as the supplementary source of income to avoid poverty. In many cases, they are into family or traditional businesses after loss of spouse as a replacement of the main earner of the family. Thus these additional responsibilities were thought as ‘domestic responsibilities’ rather than women entrepreneurs. The significant and abiding barriers were lack of education, developed skills, alternate employment opportunities, social barriers, access to capital and cultural discrimination etc.



COVER STORY

Between 1900s and Pre-Independence

This period witnessed the upswing of feminism with more liberal way of thinking in the society mostly in developed countries. Women started some businesses mostly serving female customers but these were marking great steps. In developed countries 'women entrepreneur' started as an accepted term. With the progress of the society women entrepreneurs became more prevailing than earlier. During World War II, there were cases where women entered as staff for filling jobs as the men left to serve in the military, later they continued their businesses. The Indian scenario was little different as here still women mostly were engaged into small family and traditional businesses only.

1950s to the late 1980s

Home based businesses are more popular among the women entrepreneurs. This was better opportunities for the women who were worried being mother and can handle their family responsibilities simultaneously with their businesses. During these years, women were just started gaining the benefits from their hard work in the workforce for their rightful place as entrepreneurs.

After the 1990s towards the 2020s

The era is of technological advances, emerge of computers, telecommunication and internet. These factors contributed to much needed boost to women entrepreneurs. These advances helped them to be more widespread in the business world. They now can showcase their abilities to competitors. Broadminded social and cultural upgradation with educational and skill based learning made it easier for women entrepreneurs to shine against all odds. According to Bureau, US Census, in the case of U.S. there is a steady growth in women entrepreneurs from 26% (in 1997) to 36% (in 2012) of total American businesses.²

2] Women participation in ownership of business: Comparative analysis of India, South Asia & All Countries³

The following tables indicates and summarizes enterprise surveys data for India.

2.1] Indicator: Percent of Firms with Women Participation in Ownership

	India	South Asia	All Countries
Percent of firms with women participation in ownership	10.7	18.4	35.8
Size of the Business			
Small (5-19)	8.6	15.7	35.1
Medium (20-99)	10	18.4	36.4
Large (100+)	19.8	37.5	37.7
Exporter Type of the Business			
Direct exports are 10% or more of sales	24.3	30.5	36.4
Non-exporter	9.7	17.1	35.6

Ownership Type of the Business			
Domestic	10.6	18.4	36.3
10% or more foreign ownership	24.8	29.4	32.6

Table 1: Firms with Women Participation in Ownership

2.2] Indicator: Percent of Firms with Women Participation in Ownership

	India	South Asia	All Countries
Percent of firms with women participation in ownership	2.8	9.6	14.4
Size of the Business			
Small (5-19)	4.8	10.4	16.3
Medium (20-99)	1.4	5.6	11
Large (100+)	1	14.4	7.8
Exporter Type of the Business			
Direct exports are 10% or more of sales	1.5	8.5	11.2
Non-exporter	2.9	9.4	14.8
Ownership Type of the Business			
Domestic	2.8	9.7	15.3
10% or more foreign ownership	1	3.3	6.9

Table 2: Women Participation in Ownership of Business

Data analysis: The above table clearly indicates, India is still far behind in percent of women entrepreneurship as compare to percentage of women entrepreneurs in South Asia and All Counties. In India only 2.8% of firms are with women participation in ownership.

The Direct exports are 10% or more of sales percentage is only 1.5 and only 1% women entrepreneurs are having 10% or more foreign ownership.

3] Data from 'Sixth Economic Census': India⁴

3.1] Number of Establishments Under Women Entrepreneurs by Major Source of Finance

Country	India
Self-finance	6365447
Financial Assistance from Government	270978
Borrowing from financial institutions	86789
Borrowing from Non institutions/ Money Lenders	67525
Loan from Self Help Group	80660
Donations/ Transfers from other agencies	1179420
Total	8050819

Table 3: India (Number of Establishments Under Women Entrepreneurs)

(Source: Sixth Economic Census (2014), Ministry of Statistics & Programme Implementation)

3.2] Total number of establishments under women entrepreneurship by nature of operation, Hired or no Hired

Workers

Country	India
Nature of Operation	
Perennial	7166019
Seasonal	726435
Casual	158365
Total	8050819
% perennial	89%
Hired/No Hired Workers	
Without Hired Workers	6697354
With Hired Worker	1353465
% with Hired Perennial Seasonal Casual worker	17%
Total	8050819

Table 4: (Source: Sixth Economic Census (2014), Ministry of Statistics & Programme Implementation)

3.3] Broad Activity Wise Distribution of Proprietary Establishments

SN	Broad activity code	Men	Women	Total	Women % Owners
1	Activities Relating to Agriculture other than Crop Production & Plantation	557244	52310	611375	9%
2	Livestock	8607401	2546345	11191189	23%
3	Forestry and Logging	442221	124475	568018	22%
4	Fishing and aqua culture	443234	38637	482926	8%
Subtotal	Agricultural Activities	10050100	2761767	12853508	21%
Subtotal	Non -Agricultural Activities	34026592	5289052	39437015	13%
Total		44076692	8050819	52290523	15%

Table 5: India (Broad Activity Wise Distribution of Proprietary Establishments)

Data analysis: The Sixth Economic Census released by the Ministry of Statistics and Programme Implementation highlights following key data:

- Women entrepreneurs constitute around 15% of total entrepreneurship.
- From total 58.5 million entrepreneurs, 8.05 million are women entrepreneurs.
- Out of these 8.05 million, total 2.76 million women entrepreneurs are working in agriculture sector.
- Total 5.29 million (65% of total 8.05 million) women entrepreneurs are working in non-agriculture sector.
- The average employment in 'women owned' enterprises is meagre 1.67.

4] Challenges and Hurdles in the Path: The 2020 and Beyond

The common challenges⁵ in front of women entrepreneurs

in India can be listed as follows:

4.1] Problems faced by women entrepreneurs because of their Personal Psychological Barriers

Lack of Confidence	Poor Self Image and Role Conflict	Lack of Leadership Qualities	Physical Constraints
Fear of Failure and Criticism	Limited Managerial Ability	Susceptibility about Own Decision Making Abilities	Lack of Entrepreneurial Aptitude and Skills

4.2] Problems faced by women entrepreneurs because of Societal Barriers

Patriarchal Society	Orthodox Family Background	Lack of Support from Family	Not Being Taken Seriously
Limitations to Travel for Business	Lack of Security	Lack of Motivation	Maintaining Work Life Balance

4.3] Problems faced by women entrepreneurs because of Business Environment

Shortage of Raw Materials	Marketing Problems	Stiff Competition	Lack of Finance
Limited Network	Problems for Credit	Legal Constraints	Team Building & Relation Building

5] Conclusion

The main concern of women entrepreneurship in India is the growth pace is bit slow. The suggestions and implementation plan can be put forward, after identification of right areas of improvement. Exact analysis of various problems faced by women entrepreneurs is needed to be carried out. The problem areas can be categorized and segmented, so that a 'fit' solution to these problems can be suggested. The good news is the growth rate is slow but steady with the positive inclination. With the favourable market and business conditions, this growth speed has potential to accelerate in future. Collective efforts of the government, society and women themselves will undoubtedly change the current scenario of women entrepreneurship in India. **IMA**

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WOMEN ENTREPRENEURS: A STUDY OF CHANGING MIND-SET OF THE SOCIETY IN PUNE CITY



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Abstract

Women entrepreneurship is both about women's position in society and their socio-economic empowerment. It is now necessary to study the topic to untapped the situation of women entrepreneurs in the country as recent study has found that the contribution of women entrepreneurs is drastically increasing in economic development of country. Women entrepreneurs are facing number of hardship in their journey of establishing themselves as a successful entrepreneur. Women from rural areas are still unaware of scheme launched by government to support them. Literacy of entrepreneurship has not yet achieved that way far distance. The study is an effort to study the impact of women entrepreneur on the society and to bring about importance to working women life and literate them to march toward being independent and successful entrepreneurs of future.

Introduction

Women entrepreneurship development is a necessary parameter in Human resource development. In rural part of India very less women entrepreneurs are found. Entrepreneurship amongst women has been a recent concern area. Women's are now aware of their Rights to work. Nevertheless, middle class women are not that eager to get off their social roles. Whereas, the upper class society women are found more developing. This change in society has caught academic attention in research recently. Indeed, Majority of the research scholars are turning their research work in the area of women entrepreneur. Women entrepreneurs have been in the minority in comparison to their male counterparts and are still the largest underrepresented group in entrepreneurship.

Literature: Women Entrepreneurs in Informal Sector

The Economic development of the country depends on several factors. The economic development of the country also majorly depends on the human resource development due to its growing massive population. The study of Indian Economic sector can be studied with comparison of two sectors, i.e. Organized and unorganized. The economic development on the country majorly depends on the unorganized sector. Then too this sector faces problems like no proper wages, no service rules, no career advancement, etc. Besides, their contribution in terms of income generation turns out to be less than their male counterparts, which means almost half of the population, contribute to less than half to the national income. Women are over-represented in the informal sector worldwide. The informal sector is the primary source of employment for women in the most

developing Countries.

Research Gap

It has been found that previously various researches have been done on women entrepreneurs in different states of India and also other district of Maharashtra. But no research has been done to know the mindset of the society towards women entrepreneurs especially in Pune city. So the researcher has identified this gap and conducted this research in Pune city.

Research Methodology

This Chapter clearly spells out the objectives of the study which are to be achieved by the researcher using various plan of actions. It also focuses on the hypotheses to be proved or disproved by the end of the study. To attain the above mentioned, the researcher needs a proper course of action. The study adopts a research design to address the research question in a structured way on the basis of sample, research project, measures, and methods of assignment.

Statement of the problem

Women entrepreneurs play a significant role in the efficient allocation of household savings and the ability of individuals to meet their financial goals. But lack of finance, knowledge, education and awareness is big problem of informal sector. Knowledge in this field is limited but proper research and guidance can do wonders in this field. The researcher in this study intends to study the economic contributions of women entrepreneurs and their upliftment in society with special reference to Pune.

Relevance of the study

The need for women entrepreneurs is felt in the developing countries like India. In the developed countries, the increasing unemployment and complexity have given rise to women entrepreneurs. It is very useful to the society as it would not only change the perception of women in the country but men as well, which will not only brings development in the economy but also liberty and equality to a country.

Objectives of the study

1. To study the problems faced by women entrepreneurs before and after establishment.
2. To study various scheme of women entrepreneurs implemented by the government.
3. To assess the literacy of entrepreneurship among women.
4. To analyse the impact of women entrepreneurs on the society.

Hypotheses of the study

Ho: There is no association between women entrepreneurs and societal upliftment.

H1: There is an association between women entrepreneurs

and societal upliftment

Ho: There is no association between government schemes of women entrepreneurs and economic development.

H2: There is an association between government schemes of women entrepreneurs and economic development.

Area of research - The areas where this present study is undertaken is rural and urban part of Pune.

Universe - Small scale women entrepreneurs in informal sector such as mess workers, tailors, Beauticians in beauty Parlour, Homemade tiffin services and Papad or Pickle seller, handicrafts etc.

Selection of sample - For the purpose of present study, 200 respondents who are women entrepreneurs in informal sector from Pune city were selected and the technique used in sampling was random sampling as it ensures that the probability of each member of the population in the sample is equal moreover it is free from bias.

Data collection: The study demands the use of both primary and secondary data.

1. **Primary data** - the primary data required for the study is collected using the following methods:
2. **Collection by questionnaires** - The questionnaire was drafted which consisted of 41 questions including the women entrepreneurs and opinions of the general public respondents perceptions is used to collect various information required to complete the study.
- Interviews** - To be able to understand the various problems faced by the women entrepreneurs in detail.
3. **Secondary data** - The various sources of secondary data are used.

Limitation of study

1. The research is restricted only upto Pune city
2. Less willingness of women entrepreneur for giving information in informal sector, may affect the research process bit.
3. Out of the total strength of women working in informal sector only 200 working women of Pune city were considered for the survey.

Chapter 5: Analysis of Data

This chapter of the dissertation carefully specifies the tools and the techniques that are used in the analysis of the data. In the course of analysis, appropriate statistical procedure is used to validate the hypotheses. Here, the various statistical techniques used for the purpose of analysis of the collected data to attain the objectives and test the hypotheses as mentioned and also the results of the analysis.

Hypotheses testing

Ho: There is no association between women entrepreneurs and societal upliftment.

H1: There is an association between women entrepreneurs and societal upliftment.

To test the hypothesis, Chi square test has been used. The p value is less than 0.05 therefore; we accept the null hypothesis and reject the alternate hypothesis. Thus, both the variables are associated with each other, i.e. there is association between Women entrepreneurs working in informal sector and the societal upliftment. So we can say that as the women entrepreneurs will increase our society will also upgrade in every aspects.

Ho: There is no association between government policies on women entrepreneurs and economic development.

H2: There is an association between government policies on women entrepreneurs and economic development.

This hypothesis was too tested with the help of Chi square test. The p value is less than 0.05 therefore we accept the null hypothesis and reject the alternate hypothesis. Thus, both the variables are associated with each other; there is an association between Government policies on women entrepreneurs in informal sector and economic development. There are various government policies are available for the growth of women entrepreneurs of informal sector such as Trade related entrepreneurship assistance and development schemes (TREAD), Rashtriyamahilakosh(RMK), Stand up India scheme, Mudra yojna scheme for women. The support of government helps women entrepreneurs in their further development as they do not have to face many other hindrances in their path

Chapter 6: Findings, conclusions and suggestions

Findings:

1. Women feel that lack of education is one of the reasons for male domination in the society.
2. Most of the women have started their business because they were going through financial crises.
3. Majority of women entrepreneurs of informal sector in Pune city finds difficulty in managing work life balance simultaneously.
4. The highest number of frequency of informal sector of women entrepreneurs business is Tiffin provider services. As Pune city is a hub for education and employment and this is an easy and profitable business for women.
5. Women have told to the researcher that they have become inspiration for many others women of their own town.
6. 46% women entrepreneurs feel that male dominations still exist in our modern society.
7. 68% women have confronted that the society attitude is changing towards women entrepreneurship.

8. 74% women have expressed that they have gained more respect in the society because of their work and money.
9. 59% of women entrepreneurs get full family support, 32% of women entrepreneurs get very less family support and 9% of women entrepreneurs do not get any support from their family.
10. 46% of women entrepreneurs have faced financial problems while starting their own business, as they did not had enough money to start and they were not aware of any kind of government schemes.

Suggestions

1. The women entrepreneurs are not able to take financial decisions by themselves. So financial literacy can help them to take better decisions.
2. Women entrepreneurs should keep themselves well informed about government schemes which can be helpful for their business.
3. Maximum respondents are 12th pass. So if they go for higher education they will be more knowledgeable and can flare well in their business.
4. Various programs should be arranged where such women can meet each other and share their problems and solve each other problems.
5. Society should encourage women to stand up on their feet and to become independent women in life.
6. Every family in the society should educate their girl child as well for their future betterment.
7. Male members of society should give chances to women entrepreneurs to take financial decisions in business.

Conclusions

To conclude we can say that women entrepreneurship really helps women in informal sector to become self-dependent when it comes to taking various financial decision as well as various business decisions. Women entrepreneurship helps women gain confidence in this male dominated society. Increasing Women's education not only helps her in business but also supports social inclusion and enhances the wellbeing of the community. To understand government various polices and schemes, a person should be financially literate to understand the importance of it. Society mindset has changed a lot towards women entrepreneurs and they are ready to support female members if they have interest. MA

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INTERNAL AUDIT THE WAY FORWARD

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INTERNAL AUDIT: FUNDAMENTALS AND NEXT-GEN TRENDS



Abstract

Internal audit is an effective pillar of corporate governance. Primary objective of internal audit is to chase and reach company's pre-defined corporate objectives with prevention of frauds. This paper highlights the basic understanding of internal audit and its role in risk management and corporate governance. Steps of execution of internal audit are discussed. Report of internal audit consists of 5C's viz. condition, criteria, cause, consequence and corrective action. This paper also includes Next-Gen trends in internal audit with its objectives and comparison with traditional methods.



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1| Understanding 'Internal Audit'

Process of internal audit activity is usually done in order to assess a company's corporate governance and accounting processes comprising internal control. Such internal audits safeguard the compliances with 'laws and regulations'. Internal audits equip the management with essential tools in order to reach the required operational efficiency. They help to maintain data collection with well-timed and precise (accurate) financial reporting. Operational efficiency can be accomplished by identification of problems and necessary corrections lapses just before they might be exposed in an 'external audit'.

1.1 Definition of 'Internal Audit'

According to The Institute of Internal Auditors (IIA) "Internal auditing is an independent, objective assurance and consulting activity designed to add value to and improve an organization's operations. It helps an organization accomplish its objectives by bringing a systematic, disciplined approach

to evaluate and improve the effectiveness of risk management, control and governance processes."

1.2 Internal Audit: From Past

After World War II and with the progress in the field of management science, the concept of internal auditing profession has grown up gradually. Conceptually it was much similar with the QA (Quality Assurance) and financial auditing by public accounting firms. But to the contrast with this, Lawrence Sawyer is every so often mentioned as "The father of Modern Internal Auditing"¹.

In U.S. implementation of 'Sarbanes-Oxley Act' of 2002, embraced prerequisite skills by internal auditors to help and support companies to meet the various requirements of the law. This ensured enhancement in the value and profession's exposure.

2| Role of Internal Audit

The activity of internal audit is principally rapt at evaluation of internal control which is a process effected



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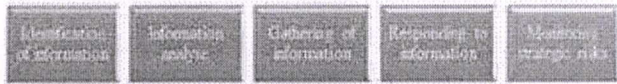
by company's Board of Directors and management. It is intended to provide following four reasonable assurances.

- To enhance efficiency and effectiveness of operations
- To provide reliability of financial and management reporting
- To perform compliance with laws and regulations
- To safeguard the assets

2.1] Internal Audit in Risk Management

Internal audit professional standards necessitate the purpose in order to evaluate company's risk management activities and their effectiveness. Monitoring strategic risks could indirectly or directly impact ability of a company to accomplish their mission through objectives.

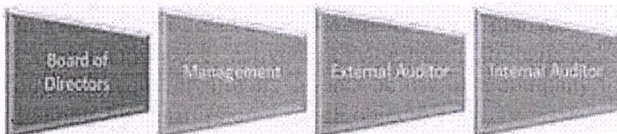
Company's risk management process involves:



2.2] Internal Audit in Corporate Governance

Role of corporate governance is to frame processes, structures and policies utilized under the company's leadership. It is used to direct activities and achieve predefined objectives. Corporate governance aims to protect the interests of diversified groups of stakeholders in ethical manners.

'Four pillars'² of Corporate Governance are as follows:

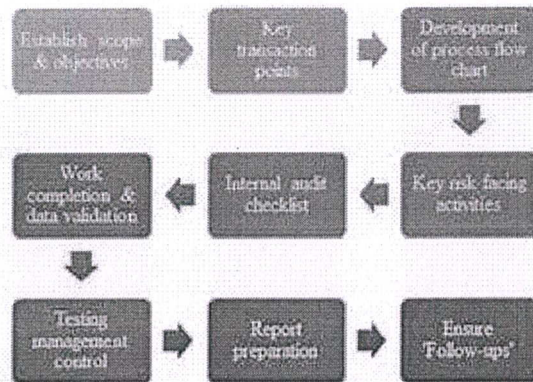


2.2.1] Activities related to Corporate Governance

- To help the Audit Committee appointed by Board of Directors or Top Management to execute its accountabilities efficiently.
- To report critical management control issues (if any).
- To suggest questions (topics) for appointed Audit Committee's meeting agendas.
- To coordinate with the external auditor and management.
- To more formally evaluate corporate governance, particularly in the area of corporate ethics, enterprise risk and fraud (if any).

2.3] Execution of Internal Audit

The suggested internal audit execution steps are as follows, however some variation may be possible depending upon the complexity and frequency of that internal audit.



Step 1: Establish scope and objectives of audit and communicate them to the management.

Step 2: Understand business area, its scope, objectives, key transaction points etc.

Step 3: Development of process flowchart plan that involves interview, discussion and review of required documents.

Step 4: Identification and description of key 'risk facing' business activities within the scope of the audit.

Step 5: Preparation of internal audit checklist. This checklist will be effective tool in order to identify risk issues.

Step 6: Completion of work and data validation.

Step 7: Development and execution of 'risk bearing sample' and its test to understand the efficient and intended operating of most important management controls

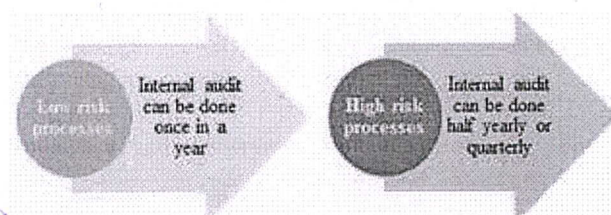
Step 8: Preparation of a report inclusive of identified issues and challenges. Narration of remedial action plans for the management to resolve identified problems or gaps.

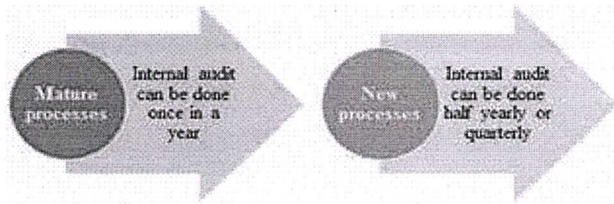
Step 9: Ensure the follow-ups on reported issues and findings at regular intervals. Maintain a database for follow-ups.

Note:

- Length of the audit assignment can vary according to the complexity and frequency of the audit conduction activity.
- Few of the suggested step or steps may be self-iterative and repetitive before execution of next step.
- The suggested sequence may differ from case to case and few steps can be omitted.

2.3.1] Complexity and Maturity of internal audit





2.4] Report of Internal Audit and 5Cs

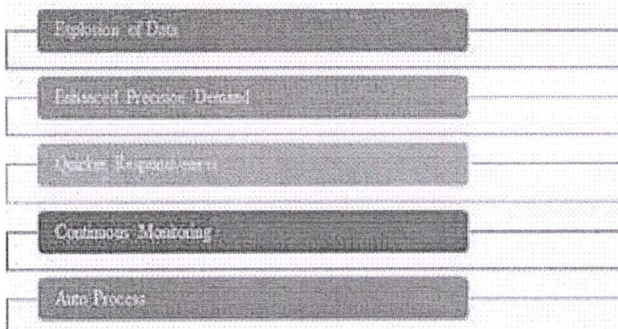
After completion of audit and data validation, auditors have to prepare a detailed report. This report will be submitted to the authorities who appointed internal auditors. This report may be comprising of executive summary, processed information, graphs and charts, findings, key findings, laps identified (if any), recommendations, action plan for management.³

Following are the 5Cs which may be found within the audited report.

Action Verbs	Questions	5 Cs
Identify	Which particular problem is identified?	Condition
Test	What was the standard (Policy or benchmark of the company) that has not been met?	Criteria
Analyse	What is the reason of problem occurrence?	Cause
Find	What is the risk or opportunity fated?	Consequence
Suggest	What the management should do and when?	Corrective action

3] Next-Gen Internal Audit

The world is adopting technological advances in almost all functional areas. Industries are also moving to next-gen and all are thinking for 'next version' of the existing processes. There are demands and challenges in front of internal audit too. These challenges can be listed as follows:



3.1] Objectives of next-gen internal audit

The three important objectives of next-gen internal audit can be as follows:

1. To improve assurance by concentrating focus on the key risk areas.
2. To make internal audits more effective and efficient.

3. To develop deeper and valuable processes.

3.2] Traditional verses Next-Gen Internal Audit⁴

Traditional: Activities are labour intensive.

Next-Gen: 'Data-driven' analytical and efficient activities.

Traditional: Uncertainty around audit recommendations as difficulty to ascertain changes in ROI.

Next-Gen: Dynamic updates to see effects of sudden changes can lead to contribution to expected benefits which are measurable and quantified.

Traditional: Deficiency of visualization limits 'value'.

Next-Gen: 'Big-Picture' process view that enables collaboration.

Traditional: Changes are not completely identified.

Next-Gen: Continuous monitoring and alerting in changes in process.

Past: Traditional process of internal audit was process owner would describe it.

Future: The challenge is design of process as it is actually performing.

Traditional: Manual flowcharts which are difficult to maintain.

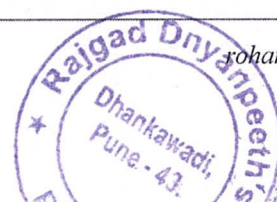
Next-Gen: Automated flowcharts which are easy to update.

4] Conclusion

'Internal audit' is one of the key pillar of the corporate governance. It provides objective insight, improves efficiency of operations, evaluates risks and protect assets, assesses controls and it ensures compliance with laws and regulation. To enhance operational efficiency, there is need to move to a more 'data-enabled' and continuous approach. Internal audit provides stakeholders with relevant, impactful, precise and timely findings on effective risk management and control. Internal audit can improve with provision of more valuable, deeper and timelier insights from processes and activities of audit. Thus with the help of internal audit companies can manage and address current risks and can make companies better with faster decisions in operational improvements. **MA**

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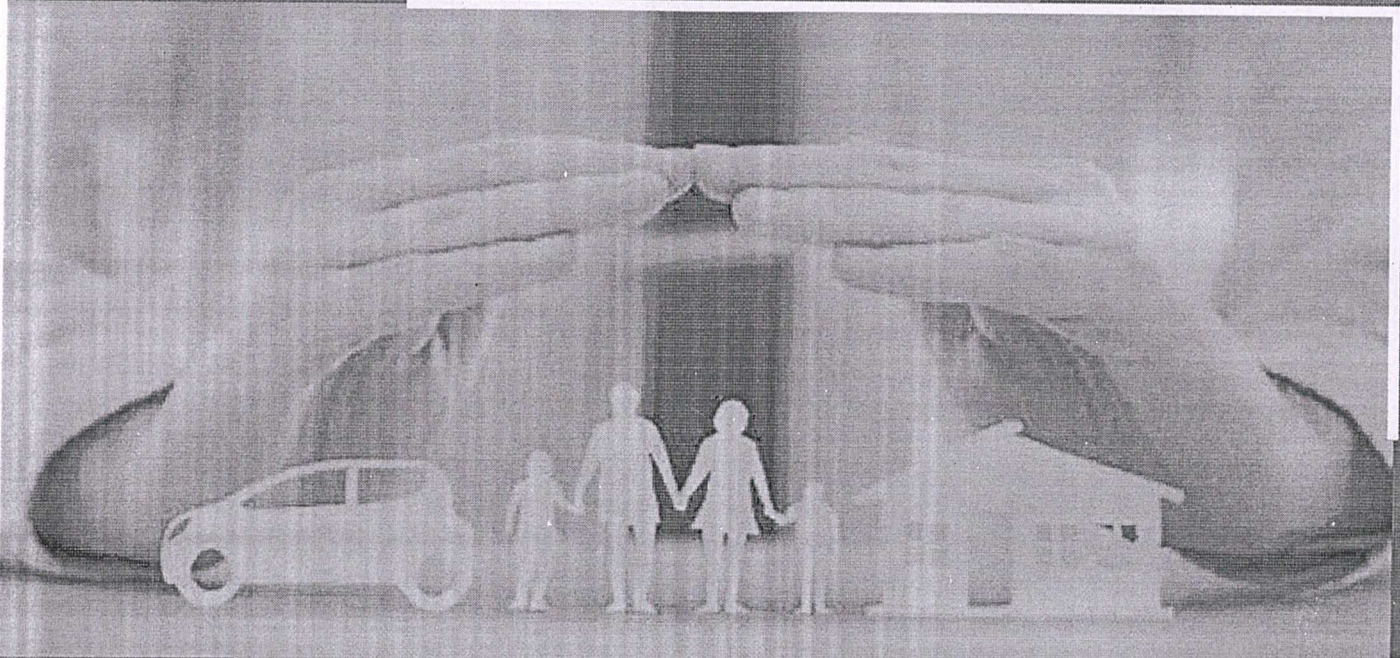


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CHANGING CONTOURS OF INDIAN INSURANCE SECTOR



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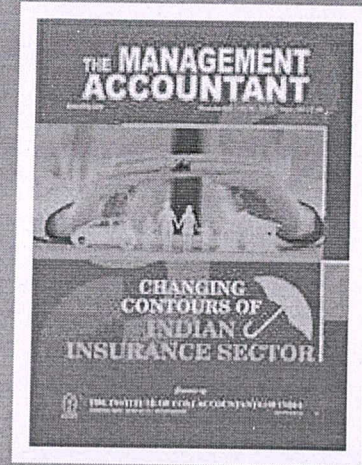
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AN EMPIRICAL STUDY OF THE PRE-COVID 19 TO POST-COVID 19 PANDEMIC EFFECT ON THE BUSINESS PERFORMANCE OF THE INSURANCE SECTOR IN INDIA

Abstract

India witnessed a double-digit growth in the life and non-life insurance sector after the breaking of monopoly and deregulation in the sector. Covid-19 pandemic and lockdowns have had a far-reaching and adverse effect on the insurance sector as well. There is a need to see the effect on a few key variables during pre-Covid 19 to post-Covid 19 duration. The researcher has selected dependent variables under study such as first-year premium, number of policies, number of lives covered under group schemes, and total sum assured. This is an empirical study with a quantitative research approach and the analysis is based on secondary data collection. The key results reveal that there was an adverse effect of the pandemic on the growth of the insurance sector during the year 2020. From April 2021 onwards the insurance sector is witnessing positive growth and will continue at the same pace.

THE INDIAN INSURANCE SECTOR

There are at present 57 insurance companies in India of which 24 are life insurance and 34 are non-life insurance companies. LIC is the sole public sector company in the life insurance segment. In 2020 the overall market size of the insurance sector in India was estimated to be US\$ 280 billion. During the five-year period 2019 - 2023, the life insurance sector is expected to grow at a CAGR (Compound annual growth rate) of 5.3 per cent.

Though India is the second largest populated country in



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the world, its insurance sector penetration was pegged at 4.2 per cent during the financial year 2021 and India's overall insurance density was US\$ 78 billion. There is an increase in the total market share of private sector companies in the general and health insurance market from 47.97 per cent (during the financial year 2019) to 48.03 per cent (during the financial year 2020).

The market share of life insurances companies in India is presented in the following Table 1:

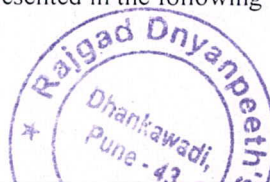


TABLE 1

SN	Name of the Insurer	First Year Premium (Market Share)	Number of Policies/ Schemes (Market Share)	Number of lives covered under Group Schemes (Market Share)	Sum Assured (Market Share)
1	Aditya Birla Sun Life	1.25	0.96	0.95	3.26
2	Aegas Federal Life	0.23	0.17	0.01	0.18
3	Aegon Life	0.01	0.07	0.06	0.86
4	Aviva Life	0.09	0.08	0.23	0.45
5	Bajaj Allianz Life	2.41	1.83	14.63	7.18
6	Bharti Axa Life	0.29	0.50	0.36	0.66
7	Canara HSBC OBC Life	1.08	0.61	5.90	4.22
8	Edelweiss Tokio Life	0.13	0.26	0.16	0.28
9	Exide Life	0.33	0.53	0.78	2.19
10	Future Generali Life	0.15	0.13	0.06	0.51
11	HDFC Standard Life	7.58	4.18	24.20	11.68
12	ICICI Prudential Life	4.94	2.84	11.85	13.53
13	India First Life	0.87	0.96	2.81	5.88
14	Kotak Mahindra Life	1.53	1.11	9.87	3.27
15	Max Life	2.40	2.60	2.47	4.66
16	PNB Met Life	0.65	1.03	1.77	7.24
17	Pramerica Life	0.10	0.12	0.67	1.02
18	Reliance Nippon Life	0.38	0.74	0.03	0.41
19	Sahara Life	0.00	0.00	0.00	0.00
20	SBI Life	7.31	7.41	3.81	7.85
21	Shriram Life	0.28	1.04	1.83	1.26
22	Star Union Dai-ichi Life	0.61	0.46	1.76	1.90
23	Tata AIA Life	1.41	2.01	0.32	4.58
	Private Total	34.05	29.63	84.53	83.07
24	LIC of India	65.95	70.37	15.47	16.93
	Grand Total	100.00	100.00	100.00	100.00

(Source: www.irda.gov.in)

(Note: As regards the first year premium of life insurers for the period ended 31st August, 2021)

Note: As regards the first year premium of life insurance for the period ending on 31 August 2021, the total market share of all the private life insurance companies was 34.05 per cent for the first-year premium and 83.07 per cent for the total sum assured.

OBJECTIVES OF THE STUDY

1. To study the pre-Covid 19 to

post-Covid 19 pandemic effect on the business performance of the insurance sector in India.

2. To understand the current scenario of the Indian insurance sector.

PROBLEM STATEMENT

The Indian insurance sector along with the banking sector contributes 7 per cent of the total GDP. The insurance sector provides huge employment and also gives risk protection against life and non-life threats to the Indian citizens. The

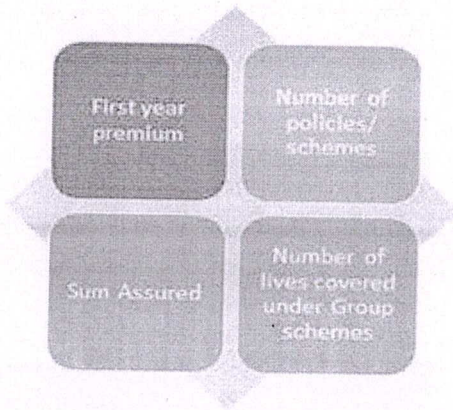
insurance sector provides various benefits such as health and non-health risks, savings, investment opportunities etc. Insurance penetration in the country is still low in spite of being the second-largest populated country in the world. Covid-19 pandemic had an adverse effect on the insurance sector in India as, during the first and second waves of the pandemic the Indian insurance sector witnessed significant losses in their business. There is a need to see the effect on a few key variables during pre-Covid 19 to post-Covid

COVER STORY

19 duration. These dependent variables under study are first-year premium, number of policies, number of lives covered under group schemes and total sum assured.

RESEARCH METHODOLOGY

The researcher has used an exploratory research design for this study. The research approach is quantitative in nature. This research paper is purely based on secondary data and secondary data was collected from various official websites, IRDA's annual and other reports. The analysis here is restricted for the months March to August of the years 2019 to 2021. The Variables under the study are as follows:



DATA ANALYSIS & DATA INTERPRETATION

I. The study is on the basis of data pertaining to the

period of the years 2019,2020 and 2021.

- II. The researcher collected data for the six months (March to August) for each of the years mentioned above.
- III. Comparison between the growth in percentage during the year 2019-20 and 2020-21 is done based on the secondary data collected for the period March to August.
 - ⊙ The period March to August of the year 2019 is considered to be pre-Covid 19 period.
 - ⊙ The period March to August of the year 2020 is considered to be peak Covid 19 period.
 - ⊙ The period March to August of 2021 is considered to be post-Covid 19 period.
- IV. The researcher has listed the business performance of life insurance sector during pre-Covid to post-Covid period from March to August of 2019 to 2021
- V. The key dimensions under study are first-year premium, number of policies, number of lives covered under group schemes and sum assured for the insurance sector in India.

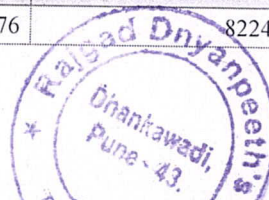
Business Performance of Life Insurance

The Business performance of life insurance during the pre-Covid to post-Covid period from March to August of 2019 to 2020 is presented in the following Table 2.

TABLE 2

Month & Year	First Year Premium	Number of Policies / Schemes	Number of lives covered under Group Schemes	Sum Assured
Mar-21	278277.98	28167513	179797825	4940821.46
Mar-20	258896.48	28886569	227867194	4825723.36
Mar-19	214672.86	28687812	224653013	4333541.41
Apr-21	9738.79	996933	13005050	357960.05
Apr-20	6727.73	416200	6050419	227486.42
Apr-19	9981.88	1282879	12056508	272148.08
May-21	22715.78	1857389	22306006	750751.02
May-20	20466.76	1424373	11122411	465050.59
May-19	28395.90	2908093	26380339	583009.39
Jun-21	52725.25	3463732	32239438	1200631.01
Jun-20	49335.44	3105611	20479452	875033.36
Jun-19	60637.22	4807717	46655398	1004852.31
Jul-21	73159.98	5568612	44995930	1637668.54
Jul-20	72321.53	4913592	30561688	1255281.45
Jul-19	82146.47	7000277	64229837	1383113.48
Aug-21	100980.72	7949344	60964244	2053545.29
Aug-20	99361.32	6794872	42025663	1640070.74
Aug-19	105701.40	9329976	82248111	1788129.45

(Source: www.irda.gov.in)



COVER STORY

period

Note: The first year premium in the statement refers to actual premium collected by life insurers net of only free look cancellations for the period.

Interpretation (Table 2) From the above Table 2 the researcher can interpret that, during the year 2020, the overall business performance of the insurance sector had significantly decreased compared to its business performance for the year 2019. This decrease can be clearly seen for all the variables under study. Similarly, it can be observed that the business performance for the year 2021 is showing positive growth i.e. the insurance sector can be said to be moving towards the post-COVID 19 recovery phase of the business.

First year premium

The following Table 3 presents a comparison between the percentage growth in respect of the first year premium for the years 2019-20 & 2020-21

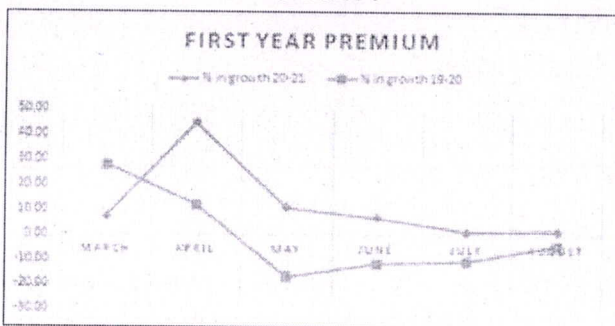
TABLE 3

	March	April	May	June	July	August
% in growth 20-21	7.49	44.75	10.99	6.87	1.16	1.63
% in growth 19-20	20.60	-32.60	-27.92	-18.64	-11.96	-6.00

(Source: Calculations based on the data available on www.irda.gov.in)

The data in the above Table 3 could be presented graphically as under:

GRAPH 1



Number of policies

The following Table 4 presents a comparison between percentage in growth for years 2019-20 & 2020-21 in respect of the number of policies.

TABLE 4

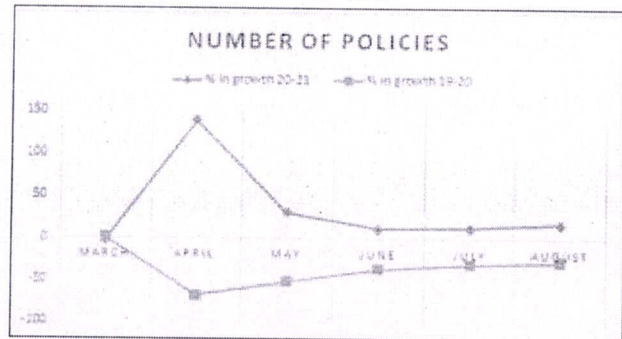
	March	April	May	June	July	August
% in growth 20-21	-2.49	139.53	30.40	11.53	13.33	16.99

% in growth 19-20	0.69	-67.56	-51.02	-35.40	-29.81	-27.17
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(Source: Calculations based on the data available on www.irda.gov.in)

The data in the above Table 4 could be presented graphically as under:

GRAPH 2



Number of lives covered

Following Table 5 gives the comparison between percentage in growth for the years 2019-20 & 2020-21 in respect of the number of lives covered under group schemes

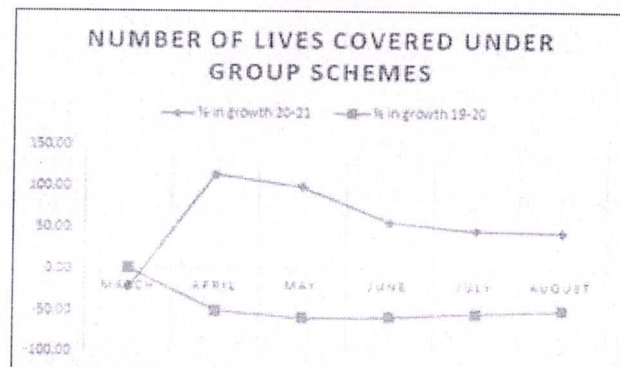
TABLE 5

	March	April	May	June	July	August
% in growth 20-21	-21.10	114.94	100.55	57.42	47.23	45.06
% in growth 19-20	1.43	-49.82	-57.84	-56.10	-52.42	-48.90

(Source: Calculations based on the data available on www.irda.gov.in)

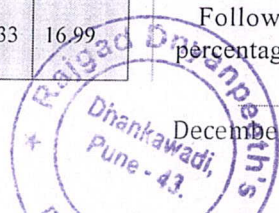
The data presented in Table 5 above could be graphically described as under:

GRAPH 3



Sum assured

Following Table 6 makes a comparison between percentage in growth for years 2019-20 & 2020-21 in



respect of sum assured

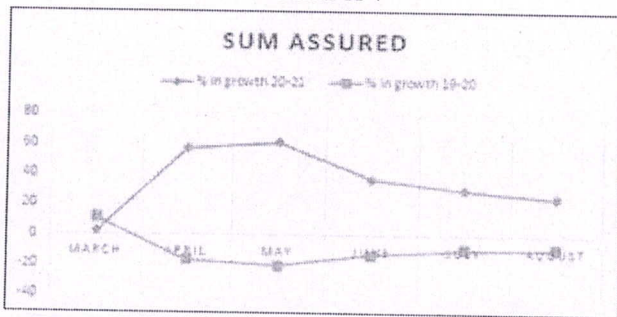
TABLE 6

	March	April	May	June	July	August
% in growth 20-21	2.39	57.35	61.43	37.21	30.46	25.21
% in growth 19-20	11.36	-16.41	-20.23	-12.92	-9.24	-8.28

(Source: Calculations based on the data available on www.irda.gov.in)

The data presented in the above Table 6 could be graphically described as under”

GRAPH 4



Graph 4: Comparison between sum assured and % in growth for years 2019-20 & 2020-21

Interpretation (Tables 3 to 6)

From the given Tables 3 to 6 and Graphs 1 to 4, the researcher interprets that, the overall performance of the life insurance companies during the year 2020, significantly declined.

First-year premium variable declined from April to August 2020. India faced its first lockdown in April 2020, thereby growth figures turned negative i.e. -32.6, -27.92, -18.64, -11.96 and -6.0 per cent. From April 2021 onwards it significantly increased to record positive growth i.e. 44.75, 10.99, 6.87, 1.16 & 1.63 per cent respectively.

The number of policies in the insurance sector also recorded a similar growth patterns. April 2020 onwards it showed overall negative growth of -67.56, -51.02, -35.4, -29.81 & -27.17 per cent. From April 2021 onwards it significantly improved to positive growth figures of 139.53, 30.4, 11.53, 13.33 & 16.99 per cent respectively.

Percentage in growth in number of lives covered under group scheme was found to have dropped to -49.82, -57.84, -56.10, -52.42, and -48.90 per cent during the year 2020 (months April to August), which was found to be positive at 114.94, 100.55, 57.42, 47.23 and 45.06 per cent respectively during the year 2021 (months April to August).

The sum assured percentage growth dropped and recorded a negative figure of -16.41, -20.23, -12.92, -9.24, and -8.28 per cent respectively from April to August 2020. These figures

went up to 57.35, 61.43, 37.21, 30.46, and 25.21 per cent for April to August 2021.

All negative figures recorded during the year 2020 were found to have become positive during the next year’s corresponding period under the same parameters and variables under study.

Thus like many other sectors, the insurance sector also witnessed a downward trend incurring losses during the Covid 19 period as compared to the pre-Covid years. Similarly, the researcher can clearly see positive growth figures for almost all the variables under study, during the post-Covid 19 period.

GOVERNMENT’S INITIATIVES

To boost the insurance sector, The Indian government has taken few initiatives. Some of them are listed below:

- ⊙ The Finance Ministry announced its intention to infuse Rs 3,000 Crore (US\$ 413.12 Million) into the State-owned general insurance companies. This initiative is to improve the overall financial health of the companies.
- ⊙ An amount to the tune of Rs. 1 6,000 Crore (US\$ 2.20 Billion) has been allocated for the crop insurance scheme. This is done under Union Budget 2021.
- ⊙ The Government extended the Rs 50 Lakh (US\$ 66.85 thousand) insurance coverage scheme for healthcare workers across India (until the next year) in June 2021.
- ⊙ The Parliament has passed the General Insurance Business (Nationalization) (Amendment) Bill in August 2021. This Bill aims to allow the privatization of State-run general insurance companies.

THE ROAD AHEAD

The life insurance sector in India is expected to grow annually by 14 to 15% for the next five years at least. After a setback during Covid 19 pandemic, the insurance sector appears to be back on the positive track where the growth figures are showing a positive trends. The overall insurance sector is expected to earn up to US\$ 280 billion by end of the year. There have been various changes in the regulatory framework for the insurance sector. This makes the future to be promising for the insurance sector as the sector is using innovations in the way it is conducting business and engages its customers. Currently, there are 110 plus insurtech startups in India and the scope of the internet on things (IoT) in the Indian insurance market will continue to go beyond customer risk assessment. **IMA**

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TELECOMMUNICATION SECTOR: POTENTIAL CATALYST FOR DIGITAL INDIA MOVEMENT



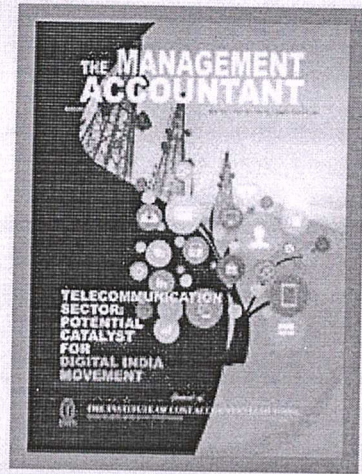
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INSIDE COVER STORY MAY 2021



MAY VOL 56 NO.05 ₹100

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THE FRILLS & ILLS OF INDIAN TELECOM SECTOR ---- (2)⑦

VALUE CREATION FOR TECHNOLOGY START-UPS THROUGH INNOVATORS' GROWTH PLATFORM ---- (3)①

25 YEARS OF MOBILE TELEPHONY IN INDIAN TELECOM INDUSTRY ---- (3)⑤

INDIAN TELECOM SECTOR - WILL IT REVIVE OR FADE AWAY? ---- (3)⑧

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FINANCIAL PERFORMANCE OF SELECTED TELECOM COMPANIES OF INDIA: A STATISTICAL ANALYSIS ---- (4)⑤

CYBER SECURITY - "BEWARE, CONNECT WITH CARE" ---- (5)②

TELECOM - BACKBONE OF INDIA'S DIGITAL ECONOMY: CHALLENGES, OPPORTUNITIES AND FUTURE TRENDS ---- (5)⑤

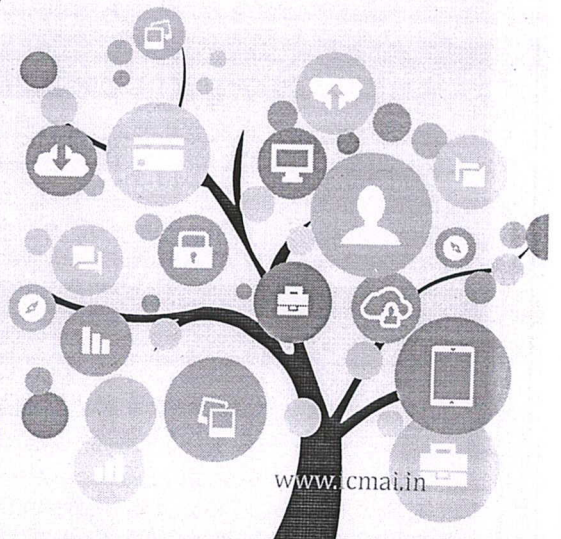
25 YEARS OF MOBILITY: GLORIOUS JOURNEY OF INDIAN TELECOM INDUSTRY ---- (5)⑧

EMERGING DIMENSIONS OF INDIAN TELECOM SECTOR - A STUDY ---- (6)①

THE CURRENT SOCIO-ECONOMIC IMPACTS OF 5G TECHNOLOGY AND RESULTANT IOT ON SELECTED SECTORS OF INDIA ---- (6)⑤

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ATMANIRBHAR BHARAT: THE ADVENT OF 5G TECHNOLOGY IN ADVANCING A STEP TOWARDS INDIA'S DIGITAL EMPOWERMENT ---- (7)②



25 YEARS OF MOBILITY: GLORIOUS JOURNEY OF INDIAN TELECOM INDUSTRY

Abstract

Over a past decade Indian telecom sector is witnessing an exponential and substantial growth. The number of subscribers over a decade and more are increasing at a fast pace thus changing the face of the telecom sector. This new face is continuously changing and dynamic in nature. Every traditional approach is shifting towards digitalization and so is the traditional voice calls and technology associated with it. This paper examines the growth of Indian telecom sector by comparison of landline (wireline) verses wireless subscribers bases. This paper also highlights on road-map of Telecom Sector for the future.



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1] Introduction

Over a past twenty five years and specifically since previous decade the telecom sector is witnessing advent and adaptation of various technologies. Since the year 2017, this is rise of 4G services in India and 5G is expected to launch by end of the year 2021.

The entry of the new player with introduction of the VoLTE technology, strikes as a surprise to the telecom sector. The tariffs saw a declined path while the data usage is massively proliferated.

India is beholding a data explosion with the increase in the smart phone users. To cop up with the pace, the mobile base stations also enhanced for further improvements in the coverage and reach. The telecom services are acting as a backbone for the various crucial sectors like education, banking and health.

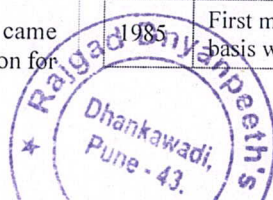
The Telecom Regulatory Authority of India (TRAI) came into existence in the year 1997, since then it is in operation for

last two and half decades and by the end of year 2020, total subscribers base in India has reached to 1173.83 million with the rank two largest telecom market in the world.

At the end of the year 2020, The Total subscriber base reached to 1173.83 million with wireless subscribers as 1153.77 million and landline subscribers as 20.05 million. The overall tele-density recorded as 86.38% and requests for mobile number portability (MNP) cumulative reached to 536.41 million.

2] Evolution of the Telecom Sector in India

1881	Oriental Telephone Company Limited (England) was permitted and granted license to open telephone exchanges in India (Kolkata, Mumbai, Madras and Ahamadabad)
1982	Central Exchange opened at Kolkata with 93 subscribers
1902	Establishment of first wireless telegraph station (Between Sagar Island & Sandheads)
1913	First Automatic exchange was installed in Simla
1927	Inauguration of Radio Telegraph between India and UK (in Khadki & Daund)
1960	First subscriber trunk driving route was initiated between Kanpur and Lucknow
1979	First optical fiber system for local junction was started in Pune
1980	First satellite earth station for domestic communication was established at Sikandrabad (UP)
1985	First mobile telephone service on non-commercial basis was started in in Delhi



1995	Cellular services and GSM services started in Kolkata
1997	TRAI (Telecom Regulatory Authority of India) was established
2002	Establishment of Internet Telephony and CDMA technology
2006	Number Portability was proposed
2010	Implementation of MNP (Mobile Number Portability) across India
2011	Introduction of 3G services in India
2012	Introduction of 4G services in India
2021	Introduction of 5G services in India (Expected)

Table 1: Evolution of the Telecom Sector in India

3] Wireline verses wireless subscriber base in India

3.1 Subscriber Base for landline Users in India

The voice usage and voice calls enabler Landline (Wireline) has shown shrunk in the subscriber base over the years. The following table shows the number of subscribers for Wireline (landline) services in India from the year 2004-05 to 2019-20. The table number2 clearly shows the gradual decrease of wireless subscribers in India.

According to the annual reports of the TRAI, the subscriber base for landline was 40.02 million for the financial year 2004-05. The subscriber base had shown continuous but slow growth till financial year 2006-07 where the subscriber base has reached to 41.54 million. But after that the base has shown steady shrunk till the financial year 2019-20 it has reached to the subscriber base of 20.22 million.

3.2 Subscriber Base for Wireless Users in India

The growth in the subscriber base of wireless users in India over a past decade is remarkable. In India, the first call on a mobile phone was made on August 95 in Kolkata and over since there is no looking back to the telecom sector. The increase in the subscriber base every year is tremendous. The following table shows the growth in subscriber base for wireless users in India since the financial year 2004-05 onwards.

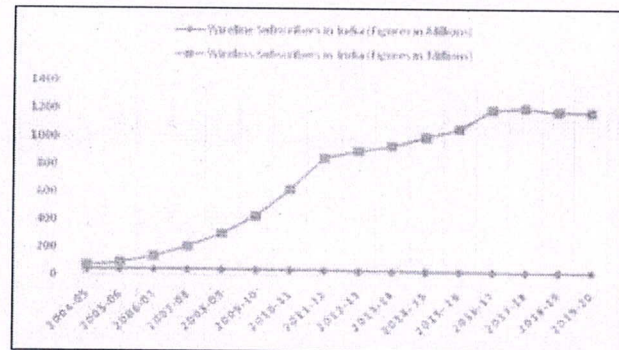
According to the annual reports of the TRAI, the subscriber base for wireless users in India was 33.69 million for the financial year 2004-05. Interestingly, the number of landline users was more than the wireless users for this year. The subscriber base has shown continuous and fast growth till at end of the financial year 2019-20 it has reached to 1157.75 million.

Financial Year	Wireline Subscribers in India (Figures in Millions)	Wireless Subscribers (In Millions)
2004-05	40.02	33.69

2005-06	41.43	52.22
2006-07	41.54	98.77
2007-08	40.75	165.11
2008-09	39.42	261.07
2009-10	37.96	391.60
2010-11	36.96	584.32
2011-12	34.73	811.59
2012-13	30.21	867.80
2013-14	28.49	904.51
2014-15	26.59	969.89
2015-16	25.22	1033.63
2016-17	24.40	1170.18
2017-18	22.81	1183.41
2018-19	21.70	1161.81
2019-20	20.22	1157.75

Table 2 Wireline Verses Wireless subscribers in India

(Source: <http://www.trai.gov.in/annual-reports>)



Graph 1: Wireline versus Wireless subscribers in India

(Source: <http://www.trai.gov.in/annual-reports>)

Advantages of Wireline Connections

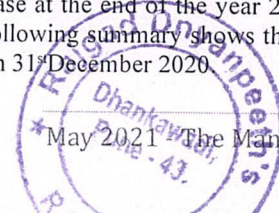
- Reliable call connections
- Better voice clarity
- Less voice traffic & connectivity problems
- Easy to connect calls
- Easy to locate in case of emergency

Disadvantages of Wireline Connections

- Restrictions Mobility like cellphones
- Lesser Functionality
- Fewer features
- Very less varieties and versions
- Almost no technological development

4] Current Scenario of Indian Telecom Sector

Indian telecom market is at the second position in the worldwide largest telecom market. The total subscriber base at the end of the year 2020 was 1173.83 million. The following summary shows the telecom subscription data as on 31st December 2020.



Particulars	Wireless Subscribers	Wireline Subscribers	Total Subscribers
Total Telephone Subscribers (In millions)	1153.77	20.05	1173.83
Urban Telephone Subscribers (In millions)	629.67	18.24	647.91
Rural Telephone Subscribers (In millions)	524.11	01.81	525.92
Overall Tele-density (In %)	84.90	01.48	86.38
Mobile Number Portability Requests (In millions)	544.61	-	544.61

Table 3: Current Scenario of Indian Telecom Sector

The entry of the new player with introduction of the VoLTE technology, strikes as a surprise to the telecom sector. The tariffs saw a declined path while the data usage is massively proliferated

5] Telecom Sector: Road-map for the future: 2020 and Beyond

Over the last two-decades the telecom sector is a relentlessly evolving sector. The exponential growth in the subscriber base has created demand of information waves and data explosion. The situations are continuously supported by the technical transformations.

However, the telecom sector will witness an age of saturation in the telecom market. There should be an awareness regarding the upcoming challenges and telecom sector needs to be ready with predetermined action plan to face the upcoming challenges.

The exponential growth in the subscriber base has created demand of information waves and data explosion

Following are key areas which researcher highlights as the roadmap for the telecom sector.

IoT (Internet of Things): A game changer for telecom sector. In recent future, the sector will brace itself for an extraordinary increase in data traffic across the whole networks. This will comprise the data consumed by the customers as well as the data generated by the devices by interacting with each other. Integration of IoT with allied technology will undoubtedly set to grow and penetrate the market.

The upswing of the data explosion will quickly push the entire world through Exabyte towards the Zettabytes per year. There is an urgent need that telecom service providers should revisit their existing infrastructure including their business models to abundantly capitalize the upcoming opportunity.

Market Saturation: Telecom sector has done the market penetration thoroughly among the youngsters and middle age demographic profile. The elder population will soon fully adopt the latest technology and will be associated with the pace of the telecom service. With this, the remaining community will fulfill the market penetration of the telecom sector and lead towards market saturation.

Data Security: Waves carriers play a vital role in fighting the incipient new threats and act as custodians of the networks. Data security will be the key expectation from the customers.

Content as a service (CaaS): Integration of telecom and content as a service (CaaS) is emerging service oriented model that delivers the 'content on demand' to the customer. The delivery is done through web services. Thus technology convergence between content service providers and telecom service providers is expected in recent future for which the telecom sector must be ready. The fact is, being connected continuously will be cheaper. Thus in the information value chain, connectivity is expected to capture a smaller proportion while content delivery is expected to capture more. **IMA**

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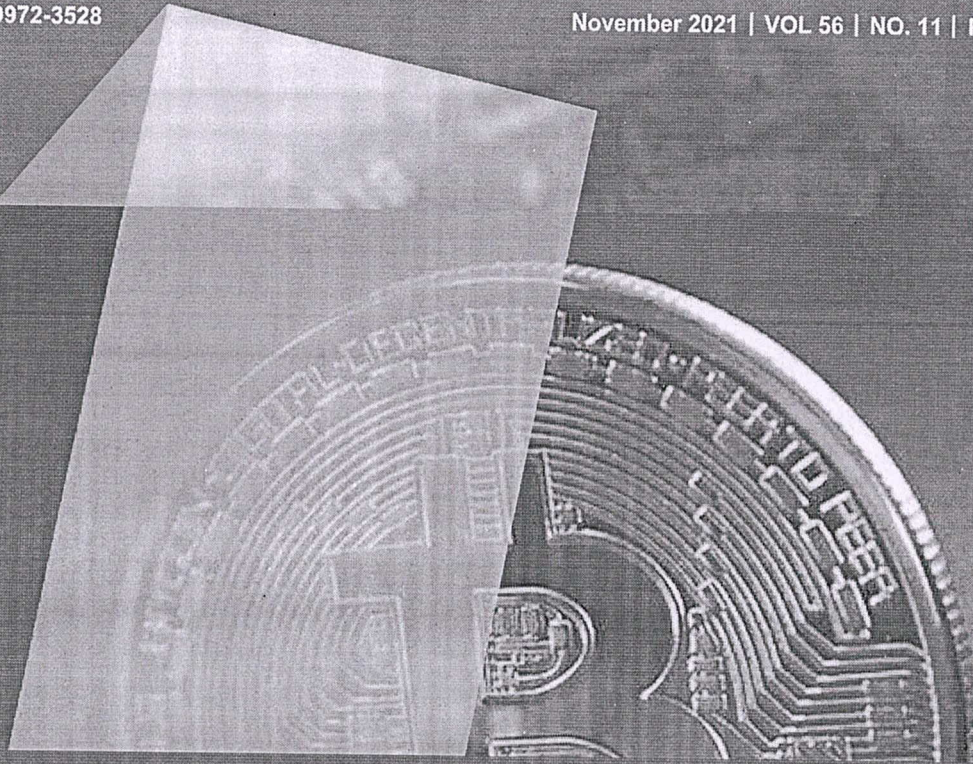
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BLOCKCHAIN AND CRYPTOCURRENCY: THE WAY FORWARD

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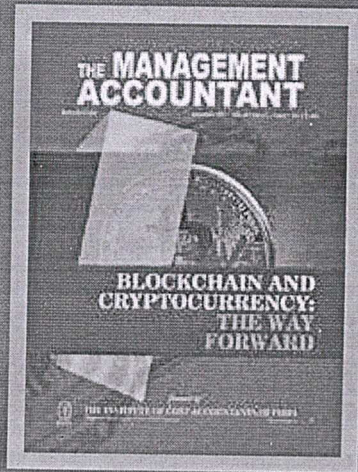
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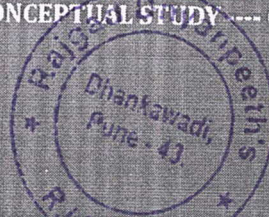


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EMERGING TRENDS IN BLOCKCHAIN TECHNOLOGY TO FOLLOW IN 2022

Abstract

Blockchain continues to be in the talk since last few years before and after the pandemic hit. These years are witnessing significant developments in the blockchain technology and its applications and usage in many sectors and industries. Other cryptocurrencies and Bitcoin are gathering attention of the investors but at the same time blockchain too are gaining the focus and attraction. This study tries to trace various key emerging trends in blockchain technology in recent years.

1. BLOCKCHAIN DEFINED

Blockchain can be defined as a shared and absolute ledger that can enable the process of tracking the assets and recording transactions in any business network. Here assets can be tangible viz. land, factory, house, gold etc. or intangible viz. patent, brand, intellectual property etc. Thus virtually anything that possesses value can be tracked and/or traded on a defined blockchain network. This will cut costs and reduce the risk for all involved. Blockchain technology is set to transform the nature of transactions and trade across the globe.

Blockchain technology is said to be one of the significant innovations of the last decade with the ripple effect on various key sectors like finance, operations, banking, production etc.

2. EMERGING TRENDS IN BLOCKCHAIN TECHNOLOGY

From Federated blockchain to stable coins, here are the latest blockchain trends that we are likely see this year.

Federated Blockchains	Secured Digital Identity	Decentralized Finance	Blockchain as Service
Hybrid Blockchains	Blockchain with AI	Stable Coins	Central Bank Digital Currency

2.1 Federated Blockchain

Federated Blockchain is one of the most amazing blockchain trends in the business today. It is explicitly used for specific use cases and is just adopted from an upgraded form of the basic blockchain model. It functions under various authorities instead of a unit secure and trusted node. It is quite similar to private blockchain with a few added



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features and there is no sole organization influence on it.

Enterprise Ethereum Alliance i.e. EEA is one example of Federated Blockchain and few leading organizations such as Microsoft, J. P. Morgan Chase Bank, Accenture etc. are the members of EEA. According to experts, as a private blockchain there will be an increase in the usage of Federated Blockchain in 2022.

Any private blockchain can be controlled by one organization but in the case of Federated Blockchain there can be multiple authorities that can control the preselected nodes. Here various nodes and selected groups can validate the blocks in the existing or modified chain in order to process further transactions. Federated Blockchain is being moved to the central stage as it can be referred to as one of the best blockchain available at present. It is expected to see a rise in the usage of this type of blockchain with a more customizable outlook.

2.2 Secured Digital Identity

Nearly 10 billion internet connected devices are expected

to grow by 2025. Blockchains are expected to establish more secure digital identity in coming years. Many times unknowingly we leave extensive digital footprints when we do internet surfing. We can expect remarkable reduction in online fraud and online identity theft and our online presence will be more secure with the successful implementation of digital identity.

Data is stored in a trusted, immutable and decentralized manner in blockchain technology. Single user's identity should be stored in an incorruptible and secure manner and blockchain can ensure this. This year will witness growth in this trend as numerous digital identity solutions are under development and expected to integrate with online platforms. Here the advantage will be single digital identity can be always with latest and up-to-date user information.

2.3 Decentralized Finance (DeFi)

DeFi is a form of finance which is based on blockchain. It uses a layered architecture and one can compose building blocks. DeFi does not depend on traditional centralized financial intermediaries such as banks, brokerages or exchanges etc. It utilizes smart contracts on blockchain (most commonly used is Ethereum). By using the DeFi platforms people can earn interest in savings like accounts, take risks on price movements on a range of assets using derivatives, insure against risks, trade cryptocurrencies.

These platforms also allow people to borrow or lend funds from others. Some of the DeFi applications endorse higher interest rates but are subject to high risks. Till January 2020 around 20.5 billion dollars were invested in DeFi and till October 2020, more than 11 billion dollars (worth in cryptocurrency) were deposited in several decentralized financial protocols.

2.4 Blockchain as Service (BaaS)

Blockchain as a service is an emerging trend that is currently integrated with various start-ups and organizations. It is a type of cloud based service where users are allowed to develop their own digital products with blockchain. Businesses are permitted to use these cloud based solutions and they can build, use and host their own smart contract and own blockchain apps. Businesses can use utilities on blockchain infrastructure developed by a vendor. It is similar to SaaS i.e. Software as a service, here software is provided on subscription basis.

There is no need for any business if they do not want to develop their own blockchain, here they can access a blockchain network with expected configuration. Businesses can even build in-house expertise on the projected subject. Blockchain only concentrated on organizations offering BaaS including Factom, Dragonchain, Blog and Keleido. Many cloud service providing organizations such as IBM, Microsoft, Oracle, Salesforce, Alibaba etc. now provide BaaS.

2.5 Hybrid Blockchain

One of the emerging concepts in blockchain is hybrid type of blockchain where it attempts to use the most suitable part of the private blockchain solutions along with public blockchains. It operates in a closed ecosystem and thus every bit of information which is on the network is secured. In hybrid blockchains the transactions are quickly verified and the total transaction costs are usually much less. This is because the influential nodes in the network make the process much simpler.

Along with cost effectiveness, it has additional advantage of security as it protects systems from hackers who are unable to gain access to the existing blockchain network and thus prevents more than fifty percent of attacks.

2.6 Central Bank Digital Currency (CBDC)

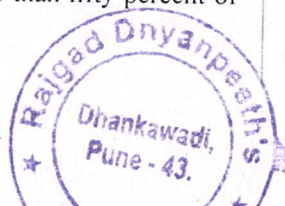
Central Bank Digital Currency (CBDC) is based on blockchain and is a digital form of central bank money. This is a legal tender created and backed by the central bank. It is the virtual format of a fiat currency for a particular nation. It is regulated by its monetary authority and is a digital token of its official currency or in the form of electronic record.

The key benefits include the simplification and implementation of monetary policy along with the fiscal policy. It supports financial inclusion in an economy that is done by bringing the unbanked segment into the financial system. But as they are in centralized form of currency they can erode the privacy of the people or citizens; that is the key weakness of CBDC. In January 2021, the Indian Government released its national blockchain strategy along with a Bill to launch its own digital currency. Similarly, many CBDC pilot projects are underway worldwide.

2.7 Stable Coins

It can be forecasted that stable coins will dominate the crypto space and will be more visible. Cryptocurrencies are in existence because of blockchain technology and cryptocurrencies (like Bitcoin) operate on their own platforms. As compared to traditional assets prices, many of these cryptocurrencies' prices are more volatile. It is predicted that stable coins will tend to get all-time high as they are now in their initial phase. Because of this the stable coins are expected to gain attraction in times to come.

The word 'stable' suggests that these high value stable coins are steadier in nature and do not witness many fluctuations. Frequent currency clashes are prevented in stable coins thus allowing investors to invest more in cryptocurrencies. These are popularly in existence because of the highly volatile nature of few of



COVER STORY

the cryptocurrencies and association of the stable value for each stable coin. Facebook introduced its cryptocurrency 'Libra' in 2020 and it is one of the driving forces for using stable coins.

2.8 Blockchain with AI

Blockchain technology is expected to perform better with its integration with artificial intelligence. A numbers of applications are supposed to increase with this integration. According to IDC (The International Data Corporation) by 2020 the worldwide spending on artificial intelligence is expected to reach 57.6 billion dollars. With blockchain integration with AI, around 51% of the businesses will be making the transition to AI.

Following are some important applications of blockchain with AI:

- ⊙ Smart computing power
- ⊙ Protection *de datos*
- ⊙ Trusting AI decision making
- ⊙ Data Monetization
- ⊙ Creating diverse data sets

Blockchain efficiency can be enhanced with the help of AI and this will be much better than standard computing. Also AI can be more understandable and coherent because of blockchain and hence it is a win-win situation for both technologies. This integration is beneficial as one can find out why the decisions are made in machine learning and we can better trace with the help of blockchain.

3. LIST OF OTHER EMERGING TRENDS IN BLOCKCHAIN

- i. Social networking problems meet blockchain solution
- ii. Interoperability and blockchain networks
- iii. Economy and finance will lead blockchain applications
- iv. Blockchain integration into Government agencies

The key advantages of blockchain technology include protection from cyber-attacks, help in maintaining user confidentiality, option to change the rules and lower transaction costs operated in a closed ecosystem

- v. Blockchain combines with IoT
- vi. Demand for blockchain experts
- vii. Content streaming to be more secure with blockchain
- viii. NFT's will revolutionize digital assets and digital art

4. FINAL THOUGHTS

As discussed above we can see numerous emerging trends in blockchain technology in various sectors and industries worldwide. The key advantages of blockchain technology include protection from cyber-attacks, help in maintaining user confidentiality, option to change the rules and lower transaction costs operated in a closed ecosystem.

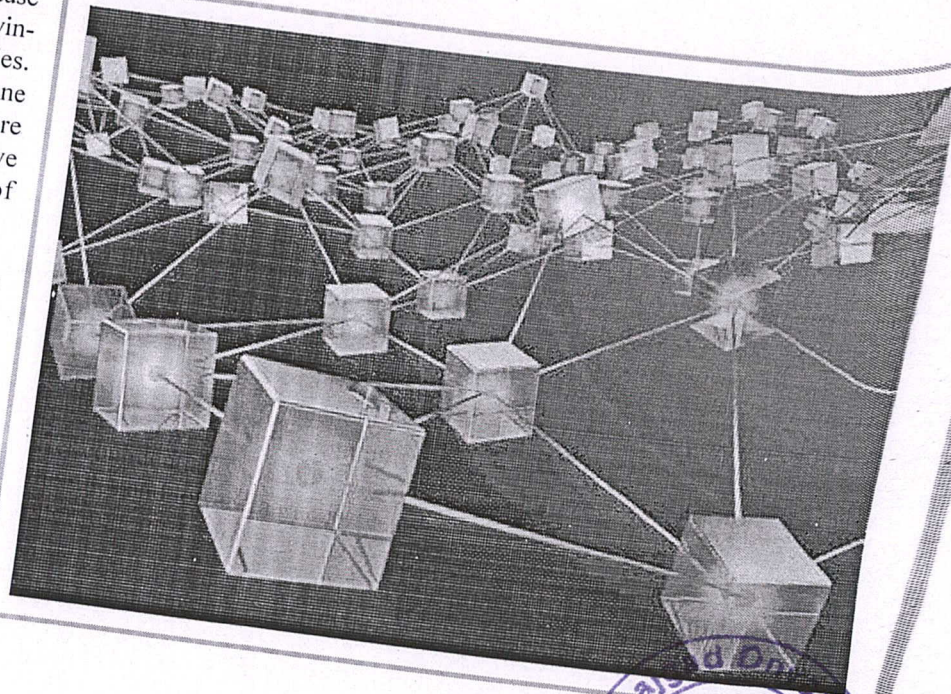
Experts are analyzing the faults in any existing technology and are trying to come up with the solutions.

Technology convergence will happen with integration of various other technologies like artificial intelligence with blockchain or IoT with blockchain etc. Thus undoubtedly blockchain technology will impact different sectors and verticals differently. Though the blockchain technology is still in the budding phase in India it has an enormous potential across the board.

MA

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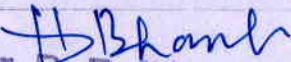
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ISHIKAWA DIAGRAM VERIFICATION FOR QUALITY AND PRODUCTIVITY IMPROVEMENT IN CONNECTOR ASSEMBLY

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Abstract

This research paper is prepared by analysis of existing rejection of assembly line components and solution successfully implemented by using Quality Tool Ishikawa Diagram. Organization is mainly focused on the Defect Rejection and ultimately to control external defect i.e. customer complaints. After study & analysis of assembly line work process flow in minute level, to analyze the root cause for rejection, proposed Ishikawa Diagram (also Called Fish Bone Diagram) on the assembly line. Post Analysis corrective actions are implemented. After implementation of the solution with the help of this tool, ~44% PPM Contributor Defects are controlled which helps Organization by reduction of defects which ultimately leads to improve productivity. Ishikawa Diagram can be used to analyze at any step of a manufacturing process where something can go wrong, or an error can be made.

Keywords: Ishikawa Diagram, Fish bone diagram, QC tools.

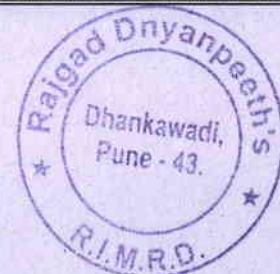
1] Introduction

Ishikawa Fish Bone Diagram

Common uses of the Ishikawa diagram are product design and quality defect prevention to identify potential factors causing an overall effect. Each cause or reason for imperfection is a source of variation. Causes are usually grouped into major categories to identify and classify these sources of variation.

2] Objectives of the study

1. To understand Ishikawa Diagram Verification for Quality Productivity Improvement in Connector Assembly.
2. To find errors or defects in manufacturing process of Connector assembly.



3. To procure for Ishikawa diagram for detection of quality and productivity improvement in Connector assembly.
4. To find Productivity before and after implementing fixture.

3] Problem Statement

Increasing number of Scrap parts leading to increase the COPQ (Cost of Poor Quality) value of Plant. The Rejection is mainly because of Machine Parameters and Process Issues. So, the project "Ishikawa Diagram Verification for Quality and Productivity Improvement in Connector Assembly"

4] Research Design

Main Objective of Research

The objective of this project is to find out Root Cause for the Scrap occurs in 20P Short Pin Project. Through this project we can able to identify what are the causes of rejection and preventive action measure for the same. Aim to reduce the scrap of the finished product.

Primary Data: It was collected through personal interviews and observations.

Secondary data: The data were collected in the form of company profile and produce profile from the web sites and newspaper. Some of the books were referred for theoretical concepts.

Methods of Data Collection:

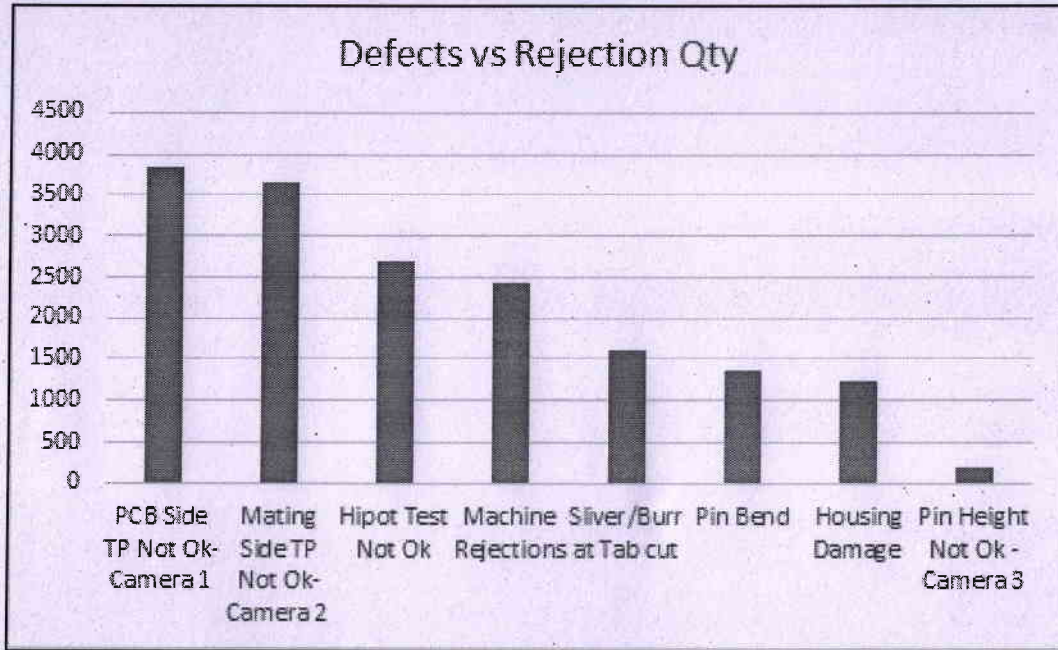
- Data was collected through the defect record sheet (CII-DRS-81).
- Preventive Maintenance Check Sheet (CII-PM-005)
- Start Up Check Sheet (CII-SC-12)
- First Part Inspection Check Sheet (CII-FPI-009)

5] Data Analysis

To verify the result of defect this is recorded in existing project through the Cause and Effect Diagram (Ishikawa Diagram)

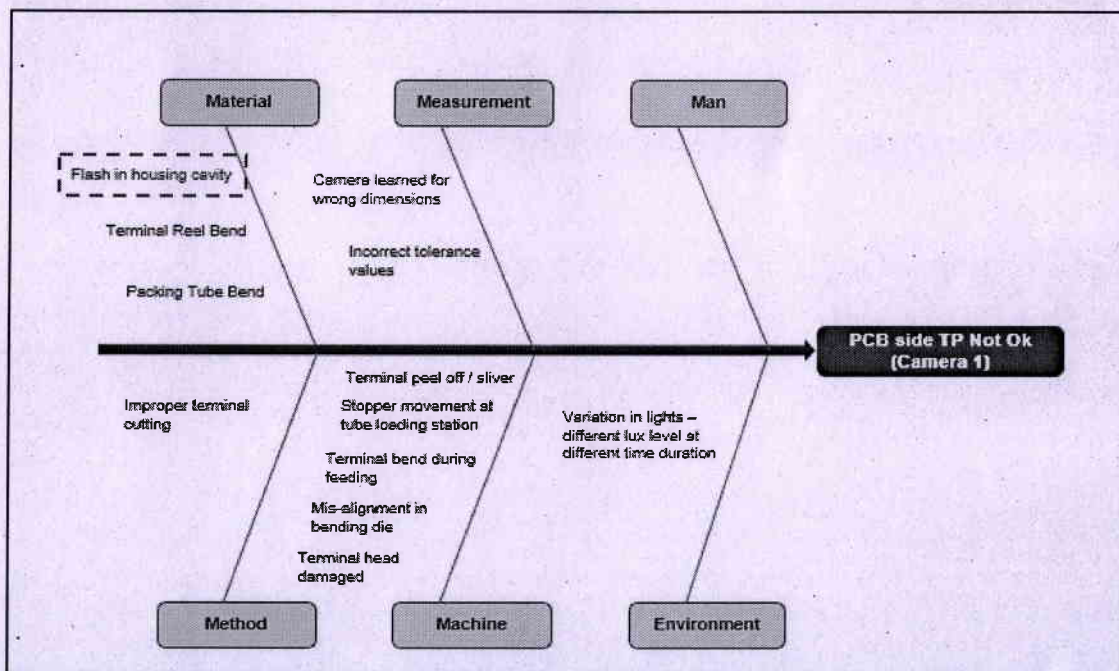
20P SHORT PIN Rejection Details - Dec, Jan, Feb 2020		
Defect	Rejection Qty	% Rejections
PCB Side TP Not Ok- Camera 1	3839	23%
Mating Side TP Not Ok- Camera 2	3653	21%
Hipot Test Not Ok	2701	16%
Machine Rejections	2433	14%
Sliver/Burr at Tab cut	1605	9%
Pin Bend	1365	8%
Housing Damage	1230	7%
Pin Height Not Ok - Camera 3	183	1%
TOTAL	17009	100%





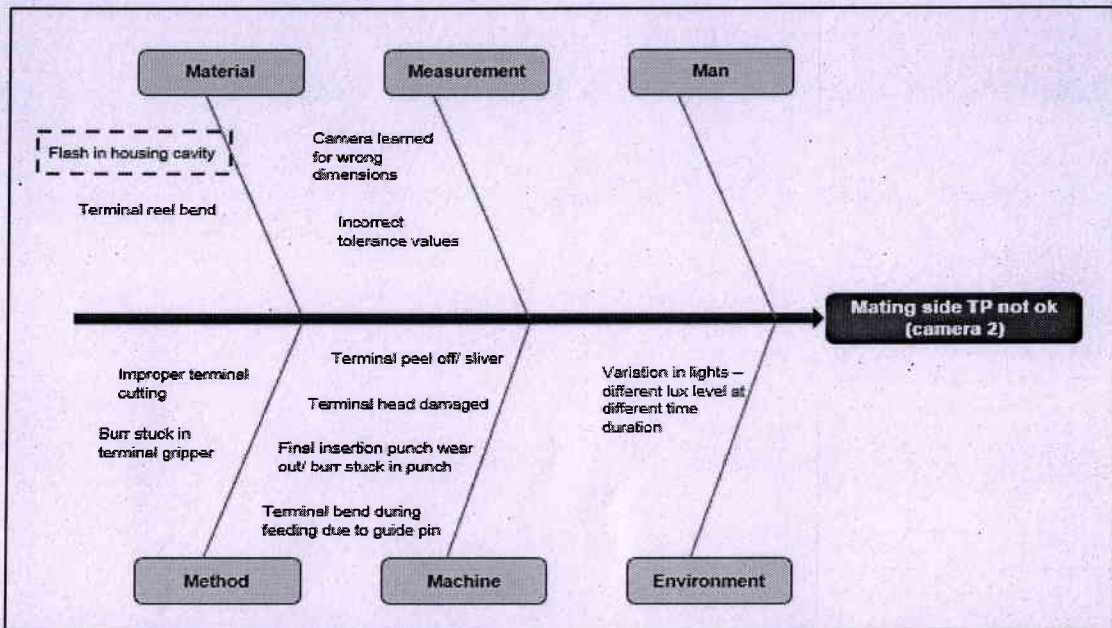
From the above Graphs, we have taken top 2 defects contributor for Analysis through Ishikawa Diagram.

1. PCB Side TP Not Ok- Camera 1



2. Mating Side TP Not Ok- Camera 2





After the brainstorming, it has been concluded for “Flash in Housing Cavity” as one of the Major Root Cause.

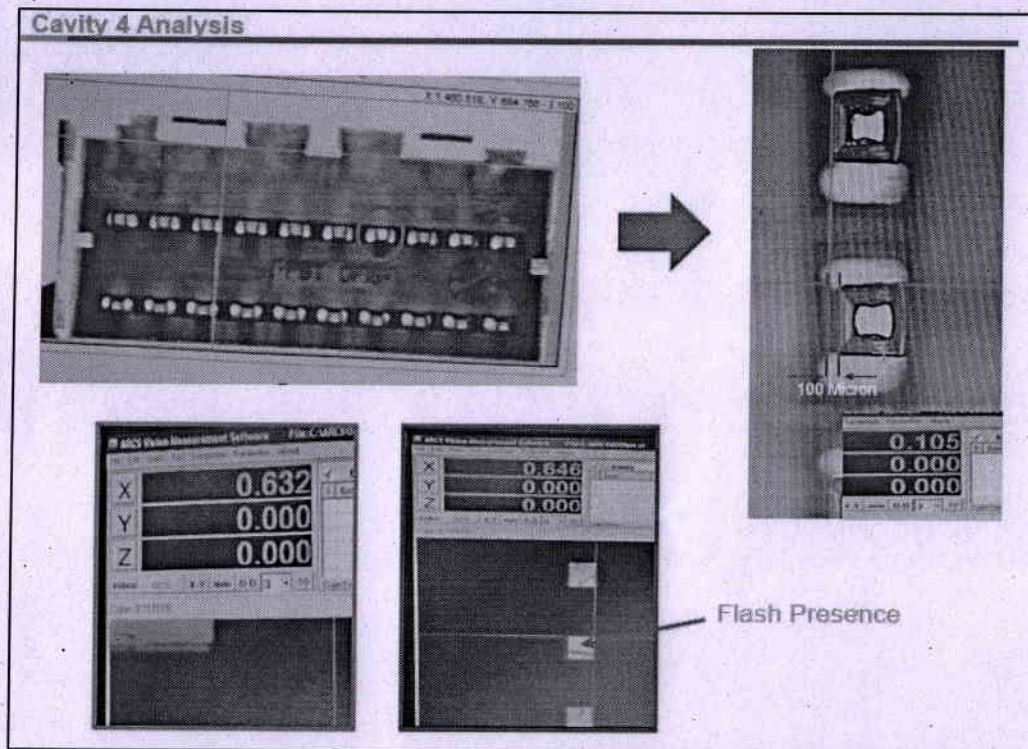
Further Analysis is done for the cavity wise review of the housings for the Flash

20 P – Cavity-wise Analysis

Housing	No of parts checked	Pin height	PCB side (Camera 1)	Mating side (Camera2)	Test Fail	Scrap	% Scrap
Cavity 1	570	3	0	14	8	25	4%
Cavity 2	560	3	6	9	11	29	5%
Cavity 3	486	0	2	32	2	36	7%
Cavity 4	590	0	6	40	6	52	9%

Table shows Cavity 3 & 4 has major rejection trend in Mating side Camera 2.





6] Findings

1. Major Defect Contributors are TP Not OK Defect together contributes ~44%.
2. This Defect is mainly because of the Presence of Flash in the housing
3. Further analysis shows that Cavity 4 Housing are major contributor for the rejection.

7] Recommendation

Below are recommendations suggested after the brainstorming session after the Ishikawa diagram result

1. Immediate Inspection of Molding Parts before it comes at Assembly Line
2. Cavity 4 Mold Design to be Calibrated as per the Standard Mold Design Drawings
3. Preventive Maintenance of Mold Machines as per the Plan
4. Implementation of the corrective actions and its sustenance
5. Communication of the actions over the assembly line working employees

8] Conclusion

1. Cavity 4 Housing are the major contributor for the Part Rejection.
2. Presence of Flash in Housing is mainly because of Molding Issues.
3. Necessary Action need to take in Mold design of Cavity 4 to avoid flash

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A STUDY OF CONSUMER'S AWARENESS AND ATTITUDE TOWARDS E – MONEY WITH SPECIAL REFERENCE TO PUNE CITY

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ABSTRACT:

This paper is about E-Money in India. E-Money means we don't need to carry any cash (like rupees, coin etc) with the help of that we can easily pay our bills, fees and other things. For that we can use credit cards, debit cards or net banking and we can also use different kind of apps like PhonePe, Google Pay, and Paytm. Respected Prime Minister Mr. Narendra Modi declared demonetization on 8th Nov 2016 and he supported digital money from that some people started using E-Money but some people didn't accept that because of they aren't comfortable with or somewhere they get conscious while using digital money. In 1983 Devid charm developed of online cash payment concept. Banking sector mostly use online payment. The customers understand how to use E-Money. In India mostly transaction are exchange hard cash so online payment app less use. After demonetization mostly people prefers use to E-Money.

KEYWORDS: *E-Money, Consumer's attitude, demonetization*

1. INTRODUCTION:

In last decenniums Indian people are using internet. After demonetization people can using digital money app. India proceed to coming up cashless money. Indian people have been using smart phone and making some transaction online cash. As per observation digital cash to positive impact on consumer using this app. Effect on demonetization to regular transaction that time opportunity develop for E-Money. After demonetization consumer have not any option using E-Money apps. All country people support to E-Money. In last decade rural area people can't using E-Money but currently they are using this wallets. In village near to bank so people can prefer going to bank and take some cash. Opposite in urban area people are so busy in our work so they can preferred to digital wallet apps. Usage of this app people saves money, user friendly, save time etc. One can use any E-Money apps in smart phone with necessary internet connection.

2. REVIEW OF LETURATURE:

(Shah, 2013) Elaborate that "Digital Payment System: Problems and Prospects" India people are mostly belong to rural are but some people were shifted in city but rural area people can be prefer bank taking some money because bank is near by village. This reason rural area people not using digital wallet app. Demonetization in India government adopted digital money scheme urban people are prefer digital wallet. In digital money security of money as cyber crime, facilities etc. E-commerce using digital payment to help grow international market. In India four trend using cashless payment. Using advance technology digital payment transaction is strengthening and secure. Indian economy are using digital



payment in future strengthen. Indian government scheme are to support for using digital money.

(Sanatani, 2017) She discussed “**Effect of Demonetization on Digital payment System in India**”. Prime Minister Mr. Narendra Modi announce demonetization on 8th Nov 2016 in mid night at 12:15 am ISI ours speech communicate to India people. That day closed Rs. 500 and Rs. 1000 currency. After they introduced Rs 200 and Rs 2000 currency note in regular life. Those days inside of ATM and bank people rush because of exchange old currency. That time introduce many electronic apps you can use easily transfer money. Last some year’s people can’t support to electronic money but now a day support this apps. Demonetization large effect on E-commerce. In E-commerce mostly delivered to hard cash for daily transaction. After Demonetization people mostly using digital wallet apps. There are many apps available in market.

(Baghla, 2018) Stated that “**A Study on the Future of Digital Payment in India**” Indian economy to promote cashless using digital payment. Digital money means exchange money by using electronic apps. In 2016 Prime Minister Mr. Narendra Modi declared demonetization on 8th November. Demonetization concept was main motive is transparency in India economic. That time digital payment mode in front of economy. This system is to support government of India. But some people are not using digital payment mode. Digital payment mode under debit cards, credits, internet banking etc. In this paper is of digital payment acceptance reasons. Digital payment is developing the transparency in money transaction. Cashless India is dream of Prime Minister Mr. Narendra Modi. In India less and using digital payment.

(Jacob, 2019) Describe that “**A Study on Replacing Currency with Digital Cash Among Students in Pathanamthitta District**”. India economy is to promote cashless using digital payment. In this process customer have waste of time. The hard cash is large using black money. All banking system has been provide digital money facilities like NEFT, RTGS, Debit cards, Credit card anything anywhere you can use this app. This app is using time necessary to internet connection. Rural area people have no knowledge of internet or lack of knowledge so they aren’t using digital wallet apps. So these reason rural areas people less using this app. But this app beneficial for people.

(Biradar 2019) Describe that “**Digital Money: An Analysis of Users’ Perception**” Indian country proceed to coming up cashless money. Prime minister Dr. Narendra Modi had developed the concept of digital wallets on 1 July 2015. These concepts are main motive in our country people beneficial for government scheme. Using digital wallets has been transparency between people and government. As digital in our country people take positively or negative impact overview. Digital money is no one any type of currency. They are using internet exchange cash. As no anyone hard cash use. They using electronic app like debit card, credit card, E-wallets, UPI, RTGS, NEFT etc. In India most of people using internet so they are support this digital wallet.

3. OBJECTIVES:

- 1) To know the basic theoretical concepts about E-Money.
- 2) To find people awareness regarding E-Money.
- 3) To analyze people attitude toward usage of E-Money.



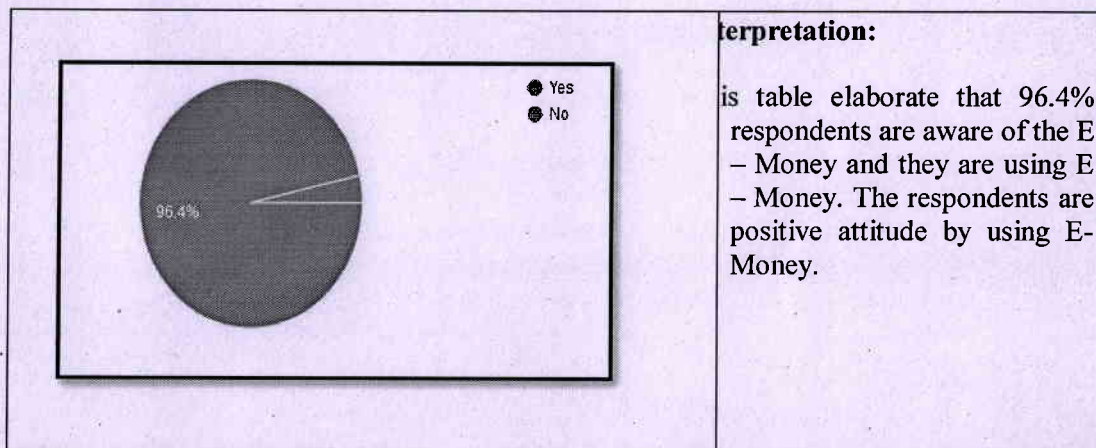
4. RESEARCH DESIGN:

- Types of Research: In this paper using descriptive research and exploratory research.
- Primary Data Collection: This paper data selected pune city people responses.
- Secondary Data Collection: This information collected that Journals, research paper etc.
- Sample size (as pilot study): 50
- Population – People of Pune City.
- Research Instrument – Structural Questionnaire.

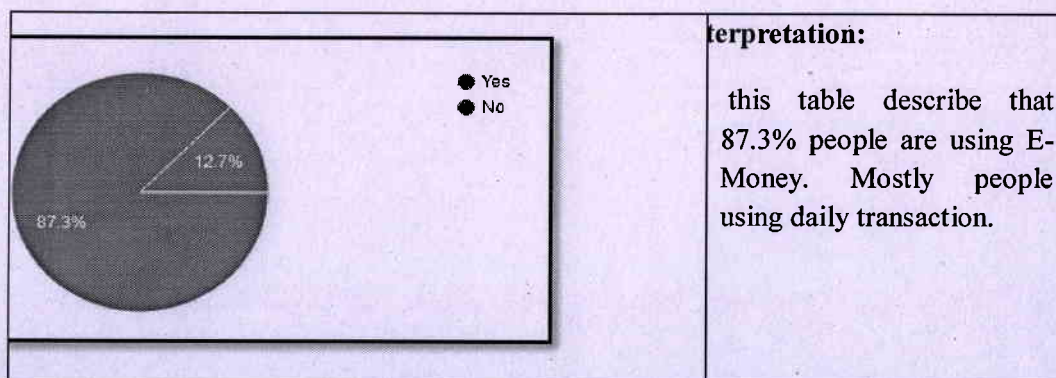
5. DATA ANALYSIS:

This paper is depending on secondary and primary data and information is based on descriptive essence. This data is set of 50 respondents.

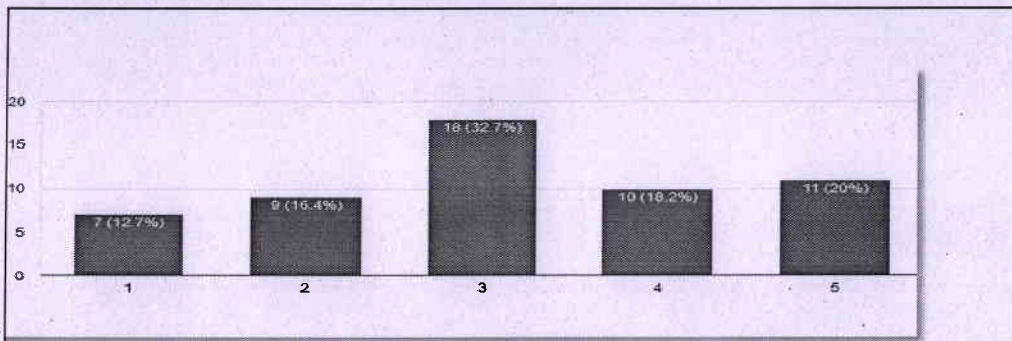
1. Are you aware of E – Money?



2. Are you using of E – Money?



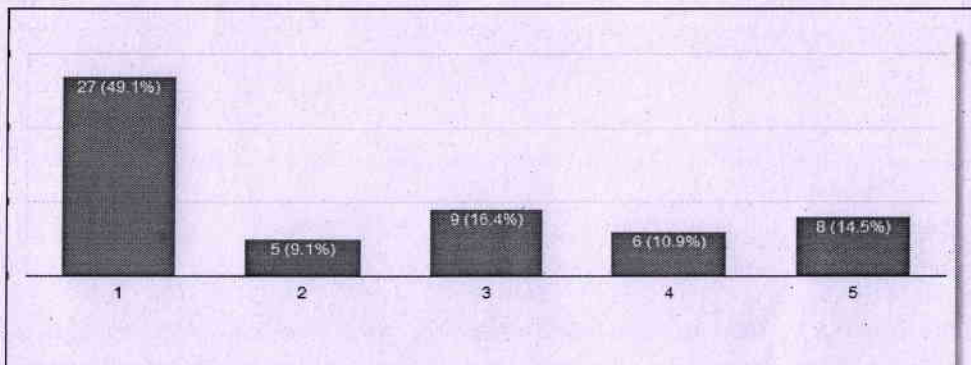
3. I feel there are security problems in digital money.



Interpretation:

The above table elaborates that 32.7% of people have a security problem. Security is the most important part of E-Money.

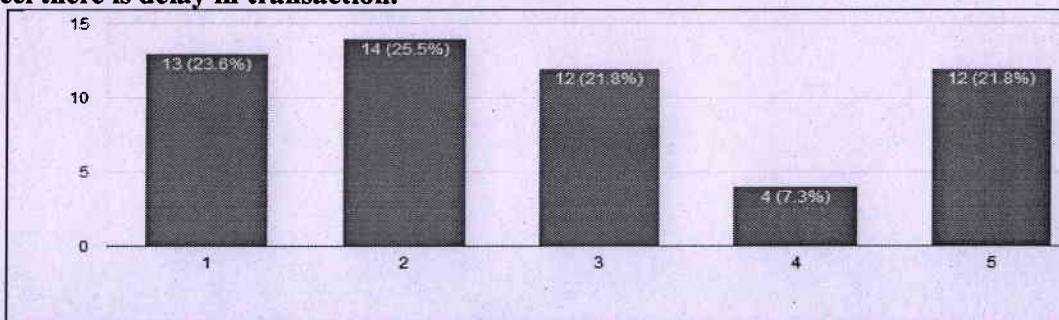
4. I don't know procedure to use.



Interpretation:

This above table represents that 49.1% of people know this process. Now a day's people are using smart phones so they are known this procedure.

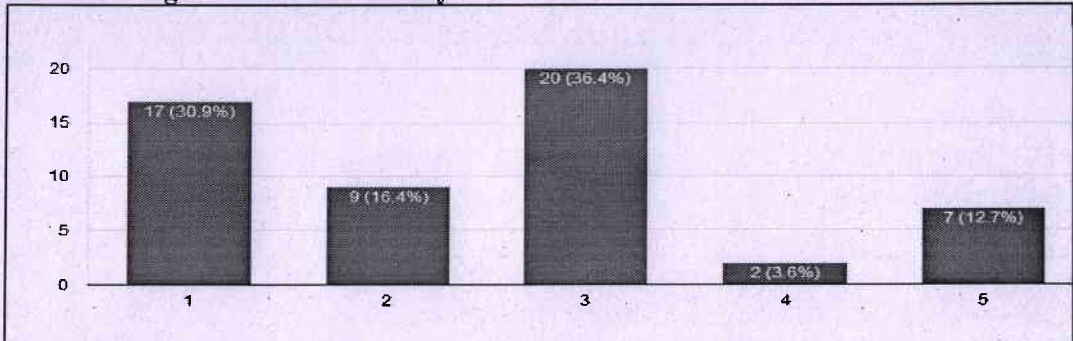
5. I feel there is delay in transaction.



Interpretation: The above table elaborates that 25.5% of people's opinion is as a delay in transaction but 21.8% of people's assumption is not a delay in transaction. So some people support him but some aren't using this app.



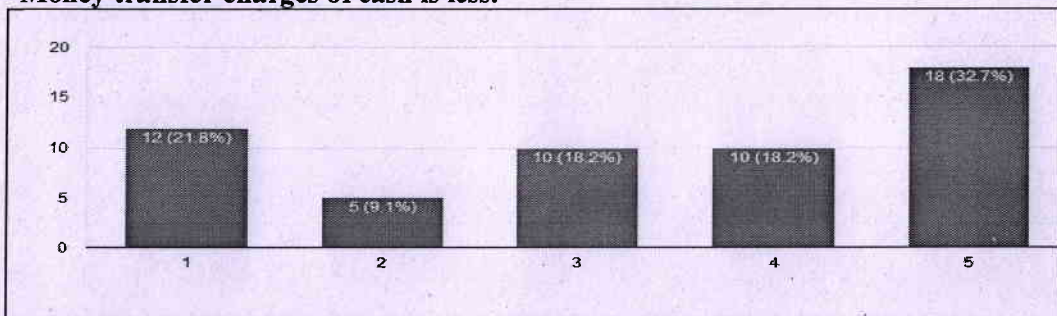
6. I feel there is higher cost in E – Money.



Interpretation:

this table represent that 36.4% people assumption is higher cost in E – money.

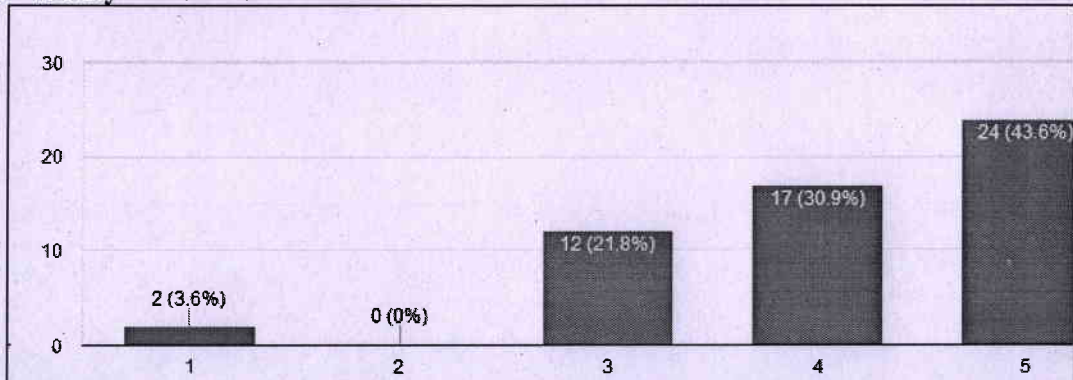
7. E – Money transfer charges of cash is less.



Interpretation:

this table describes that 32.7% opinion as positive assumption for transfer charges are very less but some people have not accept it.

8. E – Money transfer are secured.

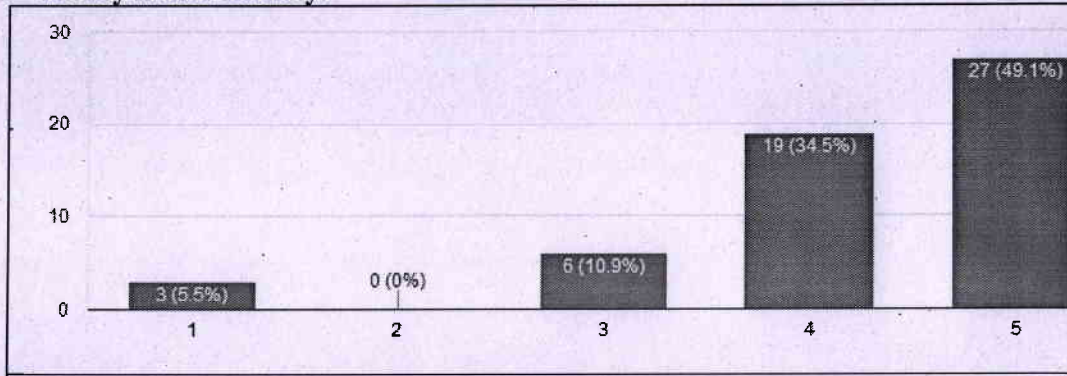


Interpretation:

this above table 43.6% people assumption that E – Money transfer are secured because they are using in daily transaction.

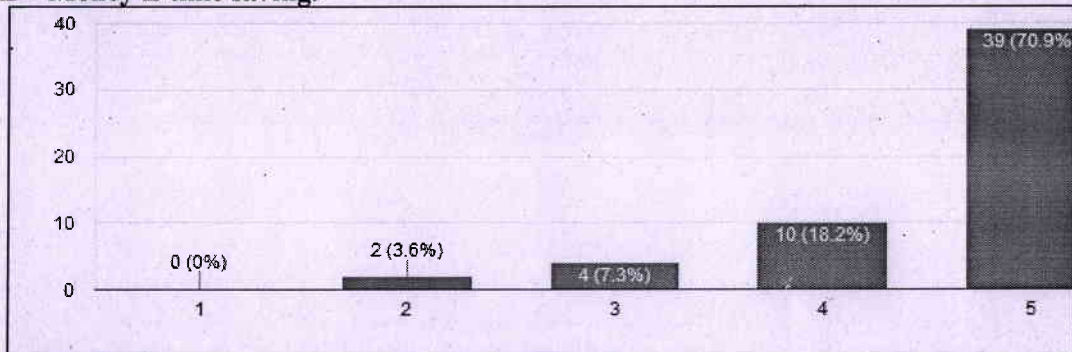


9. E – Money is user friendly.



Interpretation: This table elaborate that 49.1% people can user friendly E – Money because mostly people can using smart phone so they familiar to E – Money.

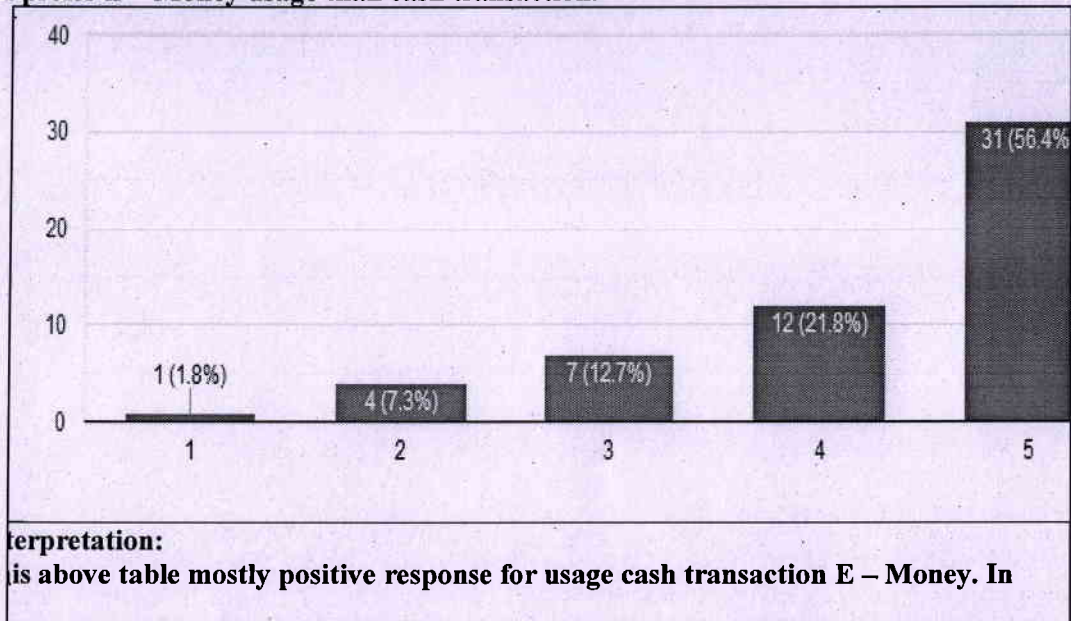
10. E – Money is time saving.



Interpretation: above table describe that 70.9% people save time for using E- Money. In urban people are so busy mostly using electronic money.



11. I prefer E – Money usage than cash transaction.



6. FINDINGS:

- 1) 90% respondents are familiar of the E- Money and remaining people using E- Money.
- 2) There are many people have positive impact of the E- Money, 85% people are agreed for using delay transaction.
- 3) Some people prefer to using E- Money because time saving and no have any transfer cost.

7. CONCLUSION:

Thus through the research conducted researcher to understand consumer's awareness and attitude E –Money. After demonetization opened inroad of the E – Money. There are many applications available in market. we studies consumer perception regarding e- Money. Now users are using smart phone and internet so easy to use in our life. So E- Money utilization will surely drastically increase in coming days.

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A STUDY OF EFFECT OF 'SOCIAL MEDIA MARKETING' ON CONSUMERS' PURCHASE INTENTIONS

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Abstract

The marketing place in the new era has changed from traditional to online marketing. Social media usage is exponentially increasing. There are new platforms for marketers like Facebook, Instagram, Youtube etc. While emerged as apps for entertainment and social media, now these popular apps are medium for marketing and advertisements. This is beneficial to consumers and marketers both. There is need to study whether consumers trust these advertisements. The impact of these marketing efforts on consumers' purchase intentions is needed to study. In this research paper, researchers made an attempt to study these variables under study with a pilot study.

Keywords: 5S, sort, set in order, shine, standardize, sustain

AJ Introduction to social media marketing

Social media marketing is the use of social media platforms and websites to promote a product or service.ⁱ Although the terms e-marketing and digital marketing are still dominant in academia, social media marketing is becoming more popular for both practitioners and researchers.ⁱⁱ

Most social media platforms have built-in data analytics tools, which enable companies to track the progress, success, and engagement of ad campaigns. Companies address a range of stakeholders through social media marketing, including current and potential customers, current and potential employees, journalists, bloggers, and the general public.

On a strategic level, social media marketing includes the management of a marketing campaign, governance, setting the scope (e.g. more active or passive use) and the establishment of a firm's desired social media "culture" and "tone."

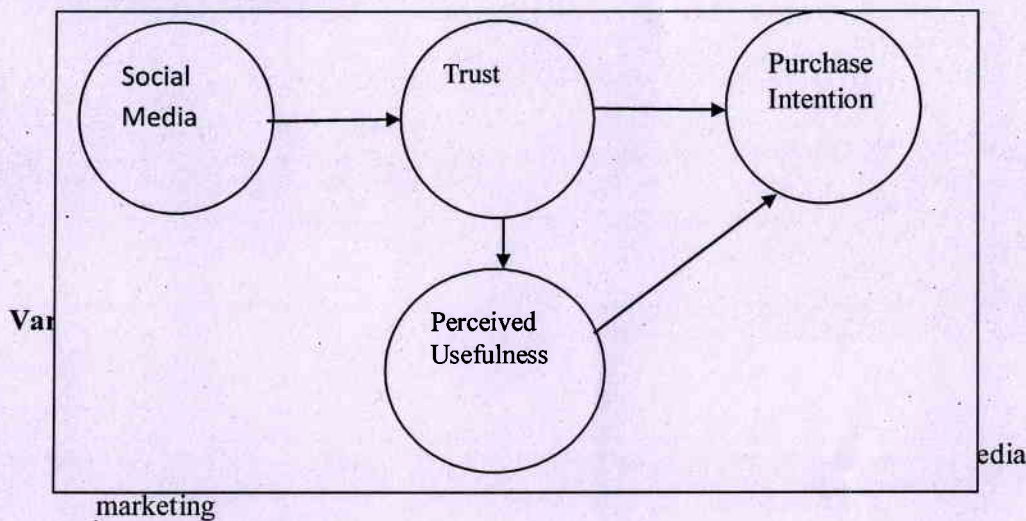
When using social media marketing, firms can allow customers and Internet users to post user-generated content (e.g., online comments, product reviews, etc.) which is also known as "earned media," rather than use marketer-prepared advertising copy.

Among all Internet users between the ages of 16 and 54 globally, the Wave 3 report suggests the following:



- i. 394 million users watch video clips online
- ii. 346 million users read blogs
- iii. 321 million users read personal blogs
- iv. 307 million users visit friends' social network profile pages
- v. 303 million users share video clips
- vi. 202 million users manage profiles on social networks
- vii. 248 million users upload photos
- viii. 216 million users download video podcasts
- ix. 215 million users download audio podcasts
- x. 184 million users start their own blogs
- xi. 183 million users upload video clips

B] Theoretical Framework



C] Objectives of the Study

- 1) To find relationship between social media marketing & trust of consumers.
- 2) To know the impact of trust on consumers' purchase intentions
- 3) To assess relation between perceived usefulness of products on consumers' purchase intentions

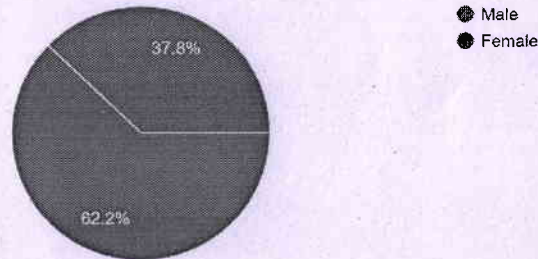
D] Research Design

SN	Parameter	Description
1	Type of research	Descriptive Research
2	Research Instrument	Structured Questionnaire
3	Survey period	February 2020
4	Scale	Likert Scale 1 to 7, Where: 1 = Strongly Disagree 7 = Strongly Agree
5	Primary sources	Structured questionnaire

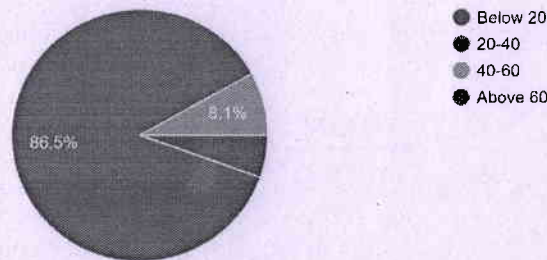
6	Secondary sources	Books, Journals
7	Data interpretation	Though Graphs
8	Sample Size	37 (Pilot Study)
9	Sampling Technique	Convenient Sampling

E] Data analysis & Data Interpretation

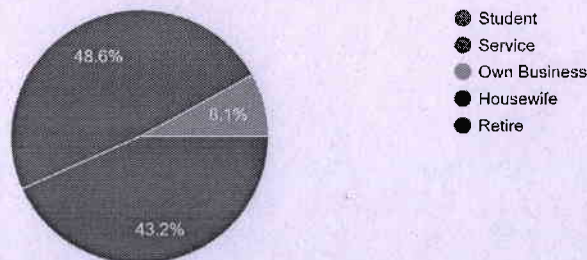
Gender
37 responses



Age Group
37 responses

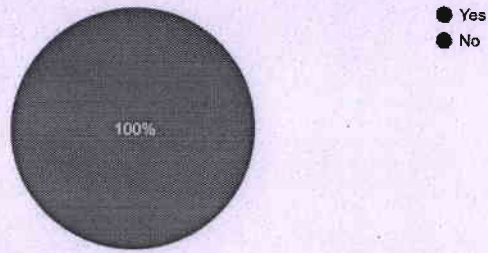


Occupation
37 responses



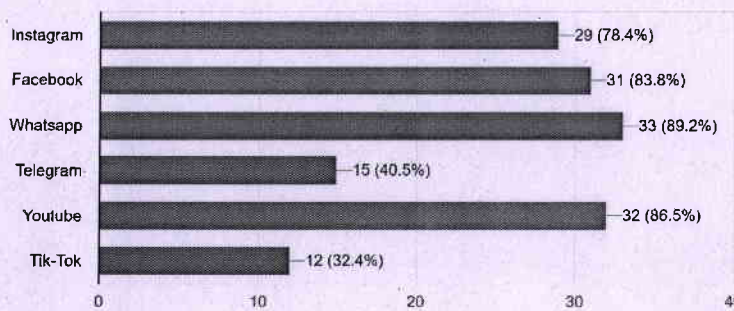
Are you using Social Media?

37 responses



Which social media you are using?

37 responses



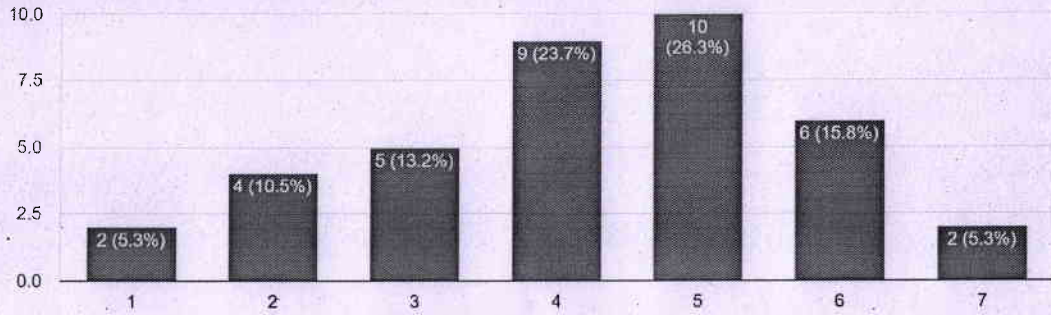
Have you noticed advertisements on social media?

38 responses



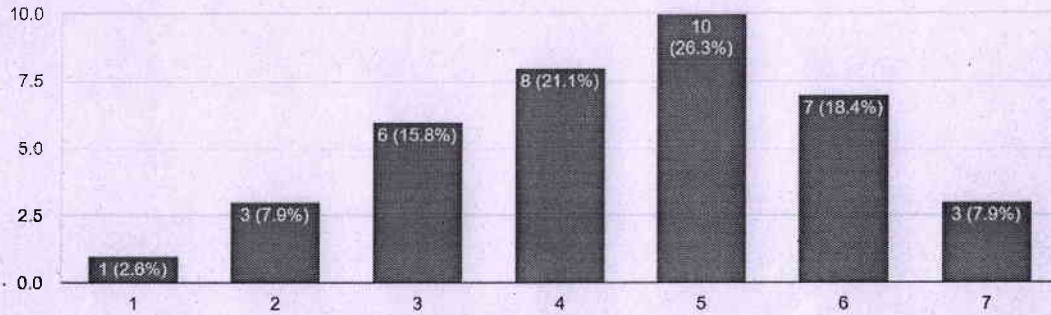
I trust advertisements on Social Media

38 responses



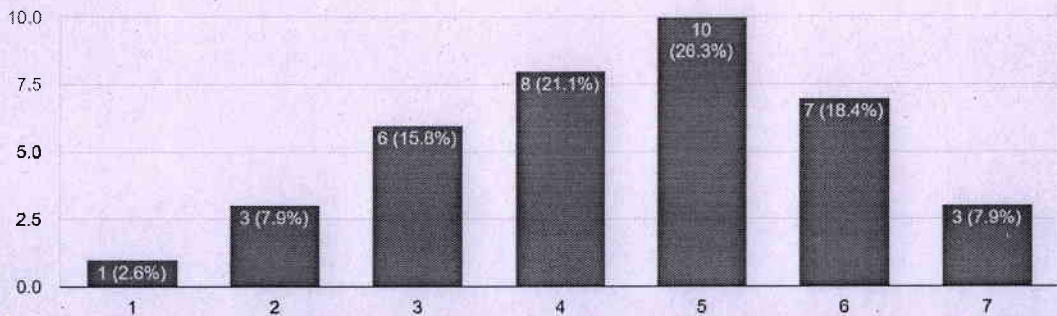
I feel genuine products & services are available on social media

38 responses



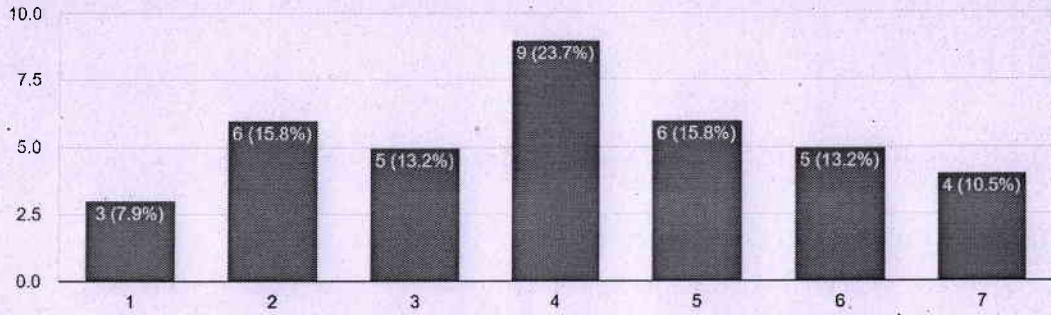
I feel genuine products & services are available on social media

38 responses



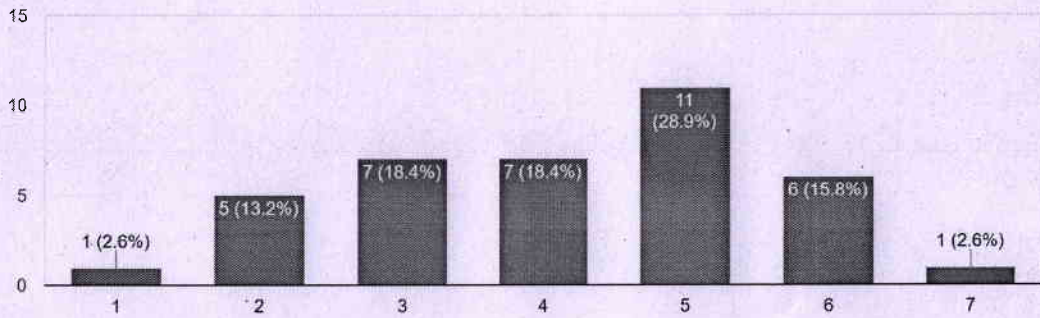
I feel products available on social media are as shown in advertisements or pictures

38 responses



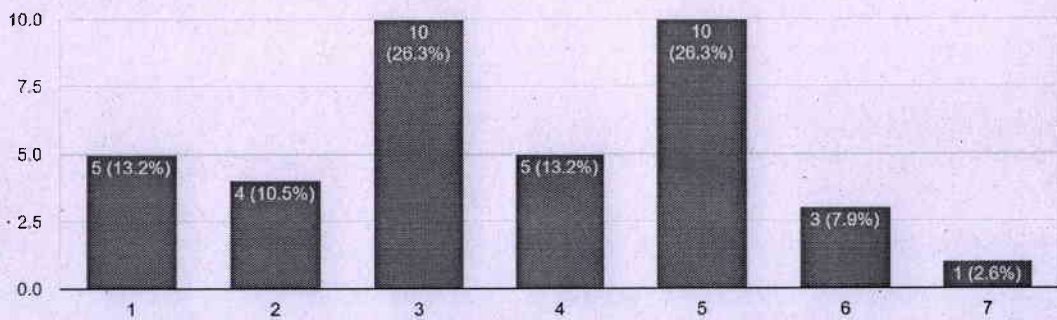
I trust brands endorsed on social media

38 responses



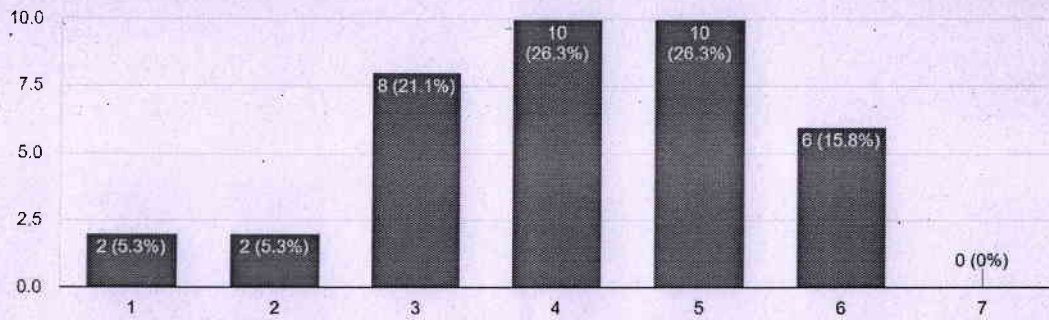
I feel only useful products are available on social media

38 responses



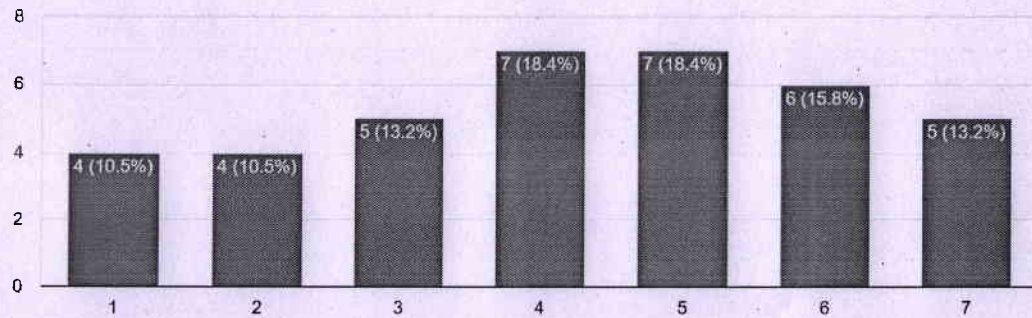
I feel quality products are available on social media

38 responses



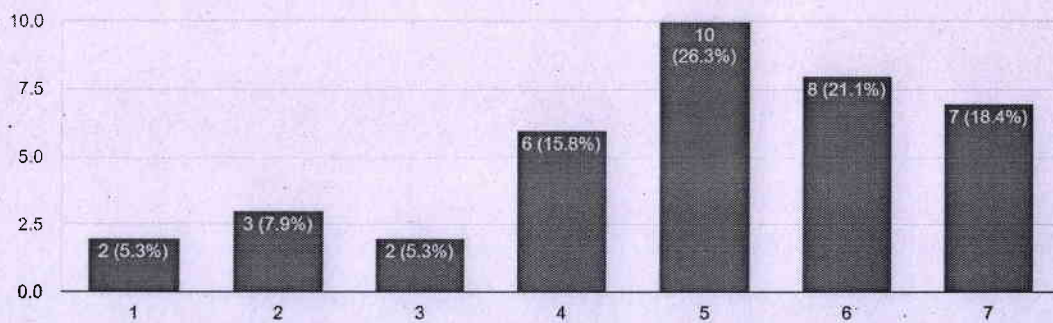
I feel products available on social media are cheaper than offline markets

38 responses



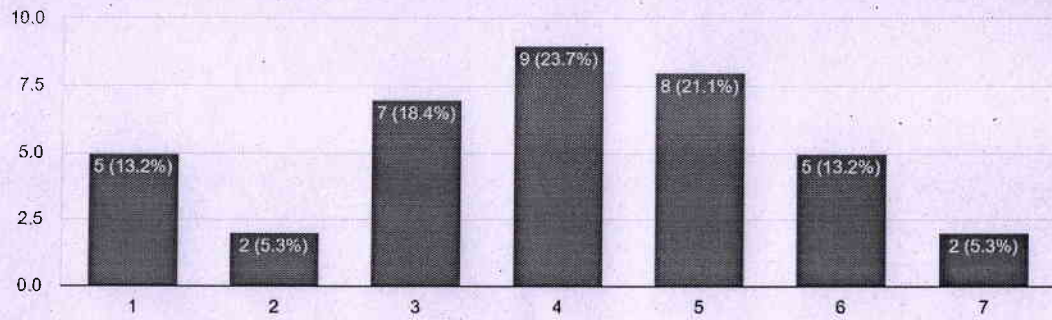
I feel a large variety of products are available on social media are than offline markets

38 responses



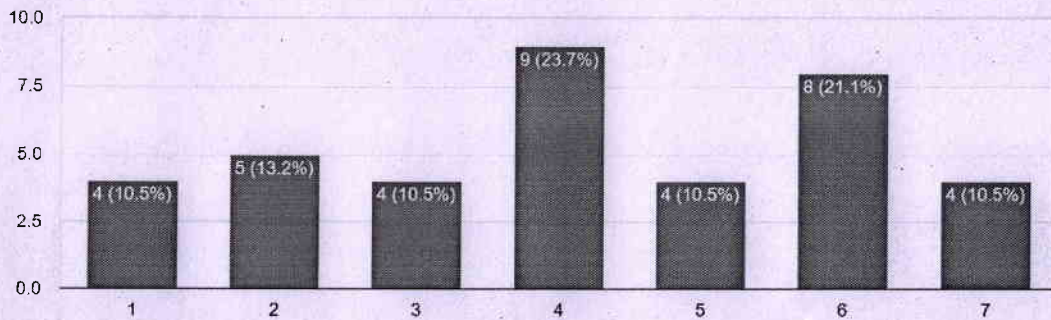
I usually buy products after the influence of social media advertisements

38 responses



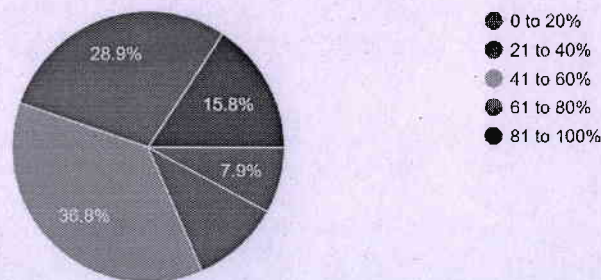
I recommend products to friends after seeing the advertisements on social media

38 responses



My overall impression of the usefulness of 'social media marketing'

38 responses



F] Findings:

- 1) Consumers moderately agree that they trust the advertisements on social media.
- 2) Consumers feel that products are many times not same as they have shown in the advertisements.
- 3) Consumers moderately trust the brands endorsed on social media.
- 4) Consumers are not much sure about the usefulness of the products available.
- 5) Consumers are moderately agree about good quality products are available.
- 6) About overall impression about usefulness social media marketing: 15.8% respondents feel that usefulness in 80 to 100%. 28.9 % feels that usefulness is 61 to 80% while 36.8 % feel that, usefulness is 41 to 60%.

G] Conclusion:

Social media marketing is an effective media for future marketing activities. It is good way to build a brand, launch a product or service, promotion of events and direct selling. Marketers should do efforts in building a trust among the consumers. The intention of purchase should be actually turn into orders.

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A STUDY AND IMPLEMENTATION OF PRODUCTION PLANNING AND CONTROL

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ABSTRACT

Production planning and control practices are an important task of Production Manager. It has to see that production process is properly decided in advance and it is carried out as per the plan. Production is related to the conversion of raw materials into finished goods. This conversion process involves a number of steps such as deciding what to produce, how to produce, when to produce, etc. These decisions are a part, of production planning. Merely deciding about the task is not sufficient. Both planning and control of production are necessary to produce better quality goods at reasonable prices and in a most systematic manner. Production planning is the function of looking ahead, Control facilitates the task of manufacturing and sees that everything goes as per the plans.

1] INTRODUCTION

A study has been made in a software company, and The production planning and control incorporates the following elements, **Routing:** It is about selection of path or route through which raw materials pass in order to make it into a finished product. **Loading and scheduling:** Loading and Scheduling are concerned with preparation of workloads and fixing of starting and completing date of each operation. **Dispatching:** Dispatching is the routine of setting productive activities in motion through the release of orders and instructions. **Expediting / Follow-up:** It is a control tool which brings an idea on breaking up, delay, rectifying error etc., during the progress of work. **Inspection:** Inspection is to find out the quality of executed work process. **Corrective:** At evaluation process, a thorough analysis is done, and corrective measures are taken in the weaker spots.

Production Planning & Control is done in three stages namely, **Pre-Planning:** Under this phase of production planning, basic ground work on the product design, layout design and work flow are prepared. The operations relating to the availability scope and capacity of men, money materials, machines, time are estimated, **Planning:** This is a phase where a complete analysis on routing, estimating and scheduling is done. **Control:** Under this phase, the



functions included are dispatching, follow up, inspection and evaluation. It tries to analyze the expedition of work in progress. This is one of the important phases of the Production Planning and Control.

2] INDIAN SOFTWARE INDUSTRY

The Indian software sector displays many unusual features from an Indian perspective. The most obvious one is its export orientation, accounting for 65% of the, total software revenue. There are important qualitative differences between the export market and the domestic market) The first relates to different types of software developments which, gives the composition of the domestic and export software development and services market, domestic market has a higher proportion of revenues from the sale of software packages and products. Whereas products accounted for nearly 40% of the domestic market, they account for a little under 10% of exports. Over 80% of exports are software services including custom software development, consultancy and professional services.

The second difference between the domestic and export sectors relates to the stages of software development as described earlier, Indian firms usually provide low-level design, coding and some types of testing services for export. For domestic clients the industry provides a wider range of services that usually spans the entire lifecycle of software development.

3] OBJECTIVES OF THE STUDY

1. To deliver quality goods in required quantities.
2. To ensure maximum utilization.
3. To maintain optimum inventory levels.
4. To prepare production schedule.
5. To produce effective results for least total cost.

4] RESEARCH DESIGN

S N	Parameter	Description
1	Type of research	Explorative Research
2	Research Instrument	Structured Questionnaire



3	Survey period	January 2019 to December 2019
4	Type of Industry	Software Industry
7	Sampling Method	Simple Random Sampling
8	Primary sources	Productivity Control Reports, Historical Data
9	Secondary sources	Books, Journals, Articles, Magazines

DATA ANALYSIS AND INTERPRETATION

A) Age of the software companies

1-5 Years: 61%, 6-10 Years : 28%, 11-15 Years : 9%, >15 Years : 2%

Interpretation: We can find maximum of the companies within 10 years age, these can be selected for various application.

B) Application of the Companies

Finance % Accounting: 58%

Commercial & Service: 45%

Educational & Training: 45%

Government Adm: 34%

Telecom: 34%

Manufacturing: 36%

Only 7.8% are specialized in one field

Interpretation: Various companies are available with multitasking with a very few specialized in one activity.

C) Types of Projects

Outsourcing (60%)

Others (25%)

Commercial (10%)

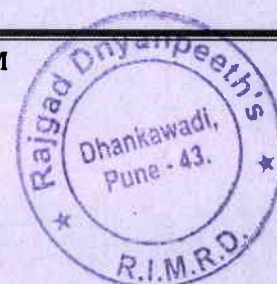
Build to Order (5%)

Interpretation: Maximum of the activities happen in outsourcing.

D) Human Resource Involved

Whole Life Cycle of the Project: 100%

Planning: 24%



Analysis & Design: 29%

CODING Stage: 57%

Testing Stage: 31%

Deploying Stage: 48%

Documentation stage: 25%

Maintenance Stage: 25%

Interpretation: Maximum of the manpower is required in the Coding and deployment stage.

E) Project Duration

< 3 Months (11%)

3-6 Months (31%)

6-9 Months (20%)

9-12 Months(10%)

12-18 Months (11%)

18-24 Months(8%)

>24 Months (9%)

Interpretation: Maximum of the project durations remain in the period of 3 months to 9 months.

F) Cost of the Project

64% did not exceed their initial Budget.

7% had cost more than 150% over the planned Budget

G) Customer Involvement in Planning & Control

Customer Involvement in Planning

High: 58.8%

Average: 38.8%

Low 2.5%

Customer participation in Functional Department

High: 56.6%

Average: 6.4%

Low: 19.2%



H) Project Managers Efforts

Project Managers Efforts

Higher than Previous: 59%

Same as Other projects: 38%

Lower than others: 4%

CONCLUSION

Production planning and control is a Pre-Production Activity. We should put the emphasis of production control change to meet the challenges of the different technological and market context. The author's opinion and the discussion in this paper have indicated that PPC systems need to change so that the emphasis of PPC will be on how to design and manage manufacturing operations for responsiveness, globalization and supply chain issues, taking in view the planning regarding the Age, type, Human resource, project duration, customer involvement and Costs.

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AN IMPLEMENTATION OF TRACEABILITY IN PRODUCTION PLANNING SYSTEM

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Abstract - This paper focuses on MPS i.e. master production schedule of the two wheeler assembly line. The relation between customer forecasts, relevant production costs, and costs parameters related to production planning, are examined. The research provides an approach that considers all relevant costs factors, while optimizing the production planning problem, and automates the execution of the planning. The emphasis of this research is on the production process and finished goods; the supply side, of the internal processes, is out of the scope of this research.

Keywords: *Traceability, MPS, Production Planning*

Introduction-

Necessary information such as manufacturers, suppliers, and distributors is recorded. This information is tracked in all processes from procurement of raw materials and parts to machining, assembly, distribution, and sales to ensure that their histories can be traced.

Three terms of traceability

In this paper three terms for traceability with distinguishing aims will be consistently used; traceability, traceability system, and traceability methods. The relations between the three terms are graphically described in Figure. In words, the relation could be described as follows: "Models showing the product flow in process sections are constructed with traceability methods. The various product flow models for the process sections are then combined by a traceability system to achieve traceability through the process."



Traceability	• The ability
Traceability System	• The system creating the ability by linking product and process data
Traceability Methods	• The methods generating the ability to link product and process data

Advantages of traceability

- Improve data accuracy
- Increase operational productivity
- Protect your brand and bottom line

Disadvantages of traceability

- Time consuming
- Management changing
- Checklist updates

Features of traceability

- Regulatory and Compliance Reporting
- Detailed Search and filtering
- Real-Time Production and Quality Monitoring
- End-to-End ERP and MES Integration
- Time Sensitive Materials and Expiration Monitoring
- Security
- Data Collaboration
- Extensive Drill Down

Objectives of the Study

1. To understand basic theoretical concept of traceability.
2. To analyse shift wise production K1 EBR Modal.
3. To find weekly production efficiency in the production.

Research Statement Problem

The main problem occurs in production planning system are following: observed volatile demand rates, under-capacity of the production system, high emergency shipment costs, and



obsolete labour. The under-capacity of the system is caused by a lack of knowledge about production system configurations with a high output per time unit.

There is argued that the production line is able to operate under lower tact-times, but the physical requirements to change the line to these requirements are currently not known.

During the literature review, it was observed that in Production planning and control manufacturing systems and hybrid systems, there are uncertainties associated with the performance due to dynamic variations in number of kanbans, machine break down and repair, demand variability and inventory for serial and non-serial flow systems.

Methods of data collection

Primary Data

System need primary data conveyor system live mass production, one server system with PC, PLC, HMI, Sensor, Data matrix QR Code printer, one Auto Scanner and Control panel. Also need SQL Server, .Net frame work and Mitsubishi Gx works3 Ladder Logic software

Secondary Data

- a) Collection: Connects to automated, semi-automated and manual production to count and collect data with minimal or no human intervention. As per customer requirement provide solution.
- b) Display: Presents relevant production information back to operators, line leaders, supervisors, the supporting departments and the management. Big TV display provide on system live mass production industry.
- c) Analysis: Should provide sufficient production data for the management to conduct relevant analysis at all level in the shop floor.

Data Analysis

Data related high level security provide, does not permission of worker data changes and interferences permission. Permission allows only Manager, Sr. Manager and line supervisor only data log, data management normal changes in traceability permission only authorised person. Analysis of data management to implement system as per customer requirement. As per customer requirement collect Testing system data from PLC to software. Different part parameters data collected and save in excel format as well as display on PC screen. Design user dashboard to display all bike part parameters status like alarm, warning, real time SMS

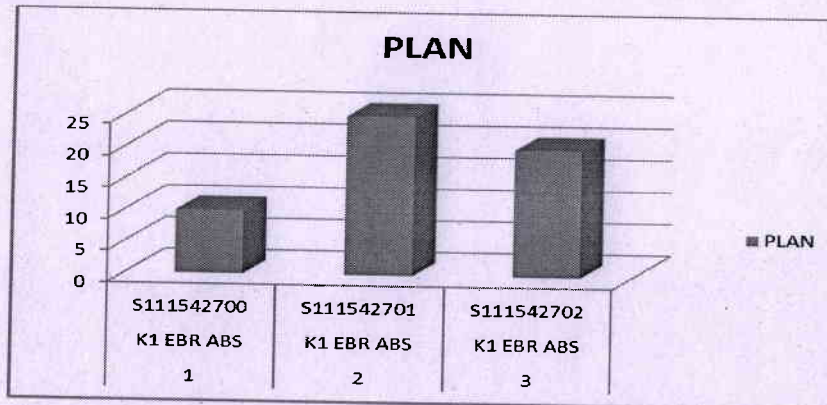


& Email alert, with respect to parameters status show and report generate.

Shift	PART NAME	PART NUMBER	PLAN
1	K1 EBR ABS	S111542700	10
2	K1 EBR ABS	S111542701	25
3	K1 EBR ABS	S111542702	20

Table 1: Shift wise production K1 EBR ABS Model

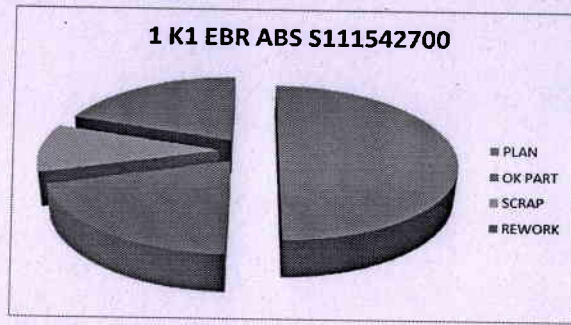
Above table 1 shows production side cover today's production plan 10 part morning shift target.



Graph 1: Shift wise production K1 EBR Model

Side cover shift wise plan is generated, lower and upper as per requirement of customer. Not constant production of all shifts, first shift has 10 parts needed for customer, second shift has 25 parts and third shift has 20 parts, second max production as compare to first shift and second shift. An Actual current plan and today's production are same. No production loss and all data logged and stored on server.



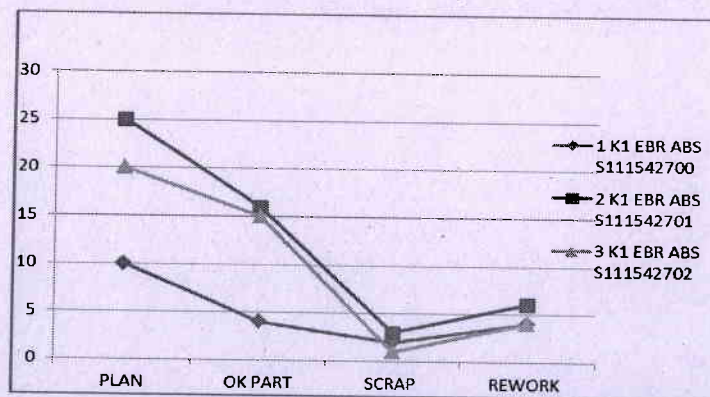


Graph 2: Pie Chart Shift wise production K1 EBR Modal

As above graph shows data actual plan and production completion process of K1 EBR ABS model. Quality manager’s full day plan is to submit the production manager and production supervisor First shift plan in 10 K1 EBR ABS model target.

First shift’s ok part 4, rework part 4 and scrap part 2. So production loss generate because in given time 10 part dispatch at a time is not possible for production head. Same work on second shift plan 25 part ok part 16, rework part 6 and 3 part scrap. Third shift production actual plan 20 part as per production data, Production improve better than first and second shift. Ok part 15, rework part 4 and scrap part no large production loss in third shift.

After understanding the system processes at the line, we tried to elaborate more on the actual issues and their production management and part trace. For the purpose of easily data stored of the system, we differentiated the working of the system into the current and required states. The performance of the line was majorly based on measurement of production efficiency and was displayed on the activity boards in the form of day-by the hour-production.



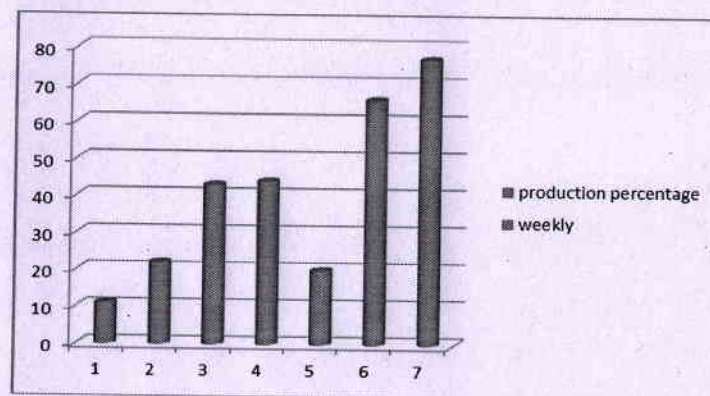
Graph 3: Line Chart Shift wise production K1 EBR ABS Modal



Batch production and therefore efficiency was increased for a certain amount of time. Thus efficiency parameter does not provide a clear picture of the performance of the system. It is therefore required to check the finished and unfinished product inventory levels.

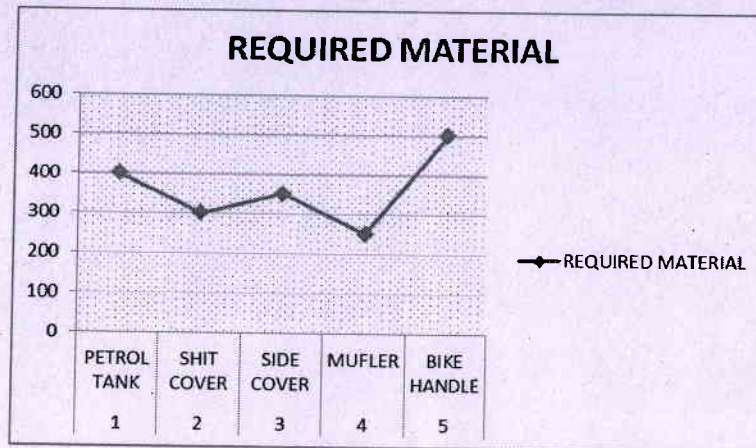
Weekly production efficiency data collected company:

The performance of the line was majorly based on measurement of production efficiency and was displayed on the activity boards in the form of day-by-day and the hour-by-hour production. The data is collected from the shift records provided by the company. As seen from the below graph, the efficiency varies in the range from around lowest of 10% to highest of 70%. The variation was found high in nature and not pretending to any specific pattern. This figure gives an overall picture but has limited use so as to understand which specific area needs to be improved. It should be further assisted with the help of other performance measurement criteria. The need of another performance parameter is justified if we observe the figure shown below.



Graph 4: Weekly Production efficiency

Prediction and description can be achieved by using data minimizing a tasks such as classification, prediction, association, regression, clustering, summarization, dependency modelling, and change and deviation detection. In descriptive modelling the aim is to describe not to predict models. As a consequence, descriptive are used in the setting of unsupervised learning. Typical methods of descriptive are density estimation, smoothing, data segmentation and clustering. For predictive, it falls into the category of supervised learning with method like classification, regression a decision tree.



Graph 5:Line Chart of Required Material

The strength of the connections between neurons increases with frequency of stimulation and the neural networks also operates in the same manner. The third technique is rules. Rules induction is one of the major forms of data mining and is perhaps the most common form of knowledge discovery in unsupervised learning systems because it is relatively easy to understand. When the rules are mined out of the database, the rules can be used either to understanding the business problems or to perform an actual predictions against some predefined prediction target. Beside the previously mentioned techniques, genetic algorithms and fuzzy logic were another example of artificial intelligence techniques that have place in data mining applications.

Findings

Traceability and production management important finding key are following:

1. Having access to all the data on products' paths enables manufacturers to dig deep, and find the root cause of problems. Issues are identified and solved quickly to minimize impact.
2. Seeing how parts and products move through lines facilitates continuous improvement. Indeed, improvement opportunities are lost when genealogical data is not accessible. Knowing where and when bottlenecks and delays occur makes real-time optimization possible.
3. Since traceability monitors how products move through the manufacturing process, it helps with value stream mapping. Equipped with detailed product genealogy records, manufacturers gain supply chain visibility, which provides a much more granular picture of their operations' value stream.



4. Moreover, part traceability along the entire production line can also help find key points where quality check-ups should be added. It also increases accountability and engagement on the shop floor.

Conclusion

Technology-enabled end-to-end traceability in two wheeler part value chains, coupled with multi stakeholder collaboration, has the potential to fundamentally improve production systems. To achieve its full potential, stakeholders will need to come together to enable emerging technologies and to install a broad system and standards. This collaboration should be built on a shared vision and executed with recognition of the mutual benefits of partnership.

Over-time costs and emergency shipment costs are not included in these analyses. Furthermore, the used capacity scenarios are based on empirical data, but remain an approximation of the true behaviour of the production system, when adding a worker to the system. Nonetheless, these scenarios should provide a sound insight in the methods of planning, and in the practical use and the importance of the capacity scenarios. The traceability in the distribution chain would significantly increase by applying the barcode part tracing technique. The improved traceability gives a better opportunity to see how the products are affected by the handling in the distribution chain, as analyses from different stages in the distribution chain can be compared.

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A STUDY OF IMPACT OF E-COMMERCE ON INDIA'S COMMERCE

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Abstract:

E-commerce involves an online transaction. E-commerce provides multiple benefits to the consumers in form of availability of goods at lower cost, wider choice and saves time. The general category of ecommerce can be broken down into two parts: E-Merchandise & E-finance. Many companies, organizations, and communities in India are doing business using E-commerce and also are adopting M-commerce for doing business. Ecommerce is showing tremendous business growth in India. Increasing internet users have added to its growth. Despite being the second largest user base in world, only behind China (650 million, 48% of population), the penetration of e-commerce is low compared to markets like the United States (266 M, 84%), or France (54 M, 81%), but is growing at an unprecedented rate, adding around 6 million new entrants every month. The industry consensus is that growth is at an inflection point. India's e-commerce market was worth about \$3.9 billion in 2009, it went up to \$12.6 billion in 2018. In 2018, the e-retail segment was worth US\$2.3 billion. About 70% of India's e-commerce market is travel related. According to Google India, there were 35 million online shoppers in India in 2014 Q1 and is expected to cross 100 million mark by end of year 2019. By 2021, India is expected to generate \$100 billion online retail revenue out of which \$35 billion will apparel sales are set to grow four times in coming years. This paper is outcome of a review of various research studies carried out on Impact of E-commerce on Indian Commerce.

Key Words: E-commerce, E-finance, E-Merchandise, M-Commerce.

INTRODUCTION

India has emerged as one of the major players on the new international business scene. Its unstoppable economic growth since reforms in 1991 has become the focus of attention of researchers in the area of international business and management. The purpose of this paper is to review the impact of e-commerce on Indian Commerce that has been published in top business and management journals, with the aim of knowing what are the most



influential papers, what are the issues that have received the most attention, which are the main findings or what more needs to be done in terms of research

E-COMMERCE

E-commerce is a paradigm shift. It is a "disruptive" innovation that is radically changing the traditional way of doing business. Electronic commerce is a type of business model, or segment of a larger business model, that enables a firm or individual to conduct business over an electronic network, typically the internet. E-commerce is the buying and selling of goods and services, or the transmitting of funds or data, over an electronic network, primarily the Internet. These business transactions are business-to-business, business-to-consumer, consumer-to-consumer or consumer-to-business. The term *e-tail* is used in reference to transactional processes around online retail. E-commerce is conducted using a variety of applications, such as email, fax, online catalogs and shopping carts, Electronic Data Interchange (EDI), File Transfer Protocol, and Web services. It can be thought of as a more advanced form of mail-order purchasing through a catalog. E-Commerce is the movement of business onto the World Wide Web. The effects of e-commerce are already appearing in all areas of business, from customer service to new product design. It facilitates new types of information based business processes for reaching and interacting with customers like online advertising and marketing, online order taking and online customer service.

There has been a rise in the number of companies taking up e-commerce in the recent past. Major Indian portal sites have also shifted towards ecommerce instead of depending on advertising revenue. Many sites are now selling a diverse range of products and services from flowers, greeting cards, and movie tickets to groceries, electronic gadgets, and computers, etc

Historical Development of E-Commerce

A timeline for the development of e-commerce:

- 1971 or 1972: The ARPANET is used to arrange a cannabis sale between students at the Stanford Artificial Intelligence Laboratory and the Massachusetts Institute of Technology, later described as "the seminal act of e-commerce" in John Markoff's book *What the Dormouse Said*.
- 1979: Michael Aldrich demonstrates the first online shopping system.



- 1981: Thomson Holidays UK is first business-to-business online shopping system to be installed.
- 1982: Minitel was introduced nationwide in France by France Télécom and used for online ordering.
- 1983: California State Assembly holds first hearing on "electronic commerce" in Volcano, California. Testifying are CPUC, MCI Mail, Prodigy, CompuServe, Volcano Telephone, and Pacific Telesis. (Not permitted to testify is Quantum Technology, later to become AOL.)
- 1984: Gateshead SIS/Tesco is first B2C online shopping system and Mrs Snowball, 72, is the first online home shopper
- 1984: In April 1984, CompuServe launches the Electronic Mall in the USA and Canada. It is the first comprehensive electronic commerce service.
- 1990: Tim Berners-Lee writes the first web browser, WorldWideWeb, using a NeXT computer.
- 1992: Book Stacks Unlimited in Cleveland opens a commercial sales website (www.books.com) selling books online with credit card processing.
- 1993: Paget Press releases edition No. 3 of the first app store, The Electronic AppWrapper
- 1994: Netscape releases the Navigator browser in October under the code name Mozilla. Netscape 1.0 is introduced in late 1994 with SSL encryption that made transactions secure.
- 1994: Ipswitch IMail Server becomes the first software available online for sale and immediate download via a partnership between Ipswitch, Inc. and OpenMarket.
- 1994: "Ten Summoner's Tales" by Sting becomes the first secure online purchase.
- 1995: The US National Science Foundation lifts its former strict prohibition of commercial enterprise on the Internet.
- 1995: Thursday 27 April 1995, the purchase of a book by Paul Stanfield, Product Manager for CompuServe UK, from W H Smith's shop within CompuServe's UK Shopping Centre is the UK's first national online shopping service secure transaction. The shopping service at launch featured W H Smith, Tesco, Virgin Megastores/Our Price, Great Universal Stores (GUS), Interflora, Dixons Retail, Past Times, PC World (retailer) and Innovations.



- 1995: Jeff Bezos launches Amazon.com and the first commercial-free 24-hour, internet-only radio stations, Radio HK and NetRadio start broadcasting. eBay is founded by computer programmer Pierre Omidyar as AuctionWeb.
- 1996: IndiaMART B2B marketplace established in India.
- 1996: ECPlaza B2B marketplace established in Korea.
- 1998: Electronic postal stamps can be purchased and downloaded for printing from the Web.
- 1999: Alibaba Group is established in China. Business.com sold for US \$7.5 million to eCompanies, which was purchased in 1997 for US \$149,000. The peer-to-peer filesharing software Napster launches. ATG Stores launches to sell decorative items for the home online.
- 2000: The dot-com bust.
- 2001: Alibaba.com achieved profitability in December 2001.
- 2002: eBay acquires PayPal for \$1.5 billion. Niche retail companies Wayfair and NetShops are founded with the concept of selling products through several targeted domains, rather than a central portal.
- 2003: Amazon.com posts first yearly profit.
- 2003: Bossgoo B2B marketplace established in China.
- 2004: DHgate.com, China's first online b2b transaction platform, is established, forcing other b2b sites to move away from the "yellow pages" model.
- 2007: Business.com acquired by R.H. Donnelley for \$345 million.
- 2009: Zappos.com acquired by Amazon.com for \$928 million. Retail Convergence, operator of private sale website RueLaLa.com, acquired by GSI Commerce for \$180 million, plus up to \$170 million in earn-out payments based on performance through 2012.
- 2010: Groupon reportedly rejects a \$6 billion offer from Google. Instead, the group buying websites went ahead with an IPO on 4 November 2011. It was the largest IPO since Google.
- 2011: Quidsi.com, parent company of Diapers.com, acquired by Amazon.com for \$500 million in cash plus \$45 million in debt and other obligations. GSI Commerce, a company specializing in creating, developing and running online shopping sites for brick and mortar businesses, acquired by eBay for \$2.4 billion.



- 2014: Overstock.com processes over \$1 million in Bitcoin sales. India's e-commerce industry is estimated to have grown more than 30% from 2012 to \$12.6 billion in 2013. US eCommerce and Online Retail sales projected to reach \$294 billion, an increase of 12 percent over 2013 and 9% of all retail sales. Alibaba Group has the largest Initial public offering ever, worth \$25 billion.
- 2015: Amazon.com accounts for more than half of all e-commerce growth, selling almost 500 Million SKU's in the US.

KEY DRIVERS IN INDIAN E-COMMERCE

- Large percentage of population subscribed to broadband Internet, burgeoning 3G internet users, and a recent introduction of 4G across the country.
- Explosive growth of Smartphone users, soon to be world's second largest Smartphone user base.
- Rising standards of living as result of fast decline in poverty rate.
- Availability of much wider product range (including long tail and Direct Imports) compared to what is available at brick and mortar retailers.
- Competitive prices compared to brick and mortar retail driven by disintermediation and reduced inventory and real estate costs.
- Increased usage of online classified sites, with more consumer buying and selling second-hand goods
- Evolution of Million-Dollar startup like Jabong.com, Saavn, Makemytrip, Bookmyshow, Zomato Etc.
- India's retail market is estimated at \$470 billion in 2011 and is expected to grow to \$675 billion by 2016 and \$850 billion by 2020, – estimated CAGR of 10%. According to Forrester, the e-commerce market in India is set to grow the fastest within the Asia-Pacific Region at a CAGR of over 57% between 2012 –2016. India has an internet user base of about 354 million as of June of 2015. Despite being the second largest user base in world, only behind China (650 million, 48% of population), the penetration of e-commerce is low compared to markets like the United States (266 M, 84%), or France (54 M, 81%), but is growing at an unprecedented rate, adding around 6 million new entrants every month. The industry consensus is that growth is at an inflection point. In India, cash on delivery is the most preferred payment method, accumulating 75% of the e-retail activities. Demand for international consumer



products (including long-tail items) is growing much faster than in-country supply from authorized distributors and e-commerce offerings. Largest e-commerce companies in India are Flipkart, Snapdeal, Amazon India, and Paytm

• **Growth Prospects of E-Commerce in India:**

Increasing internet and mobile penetration, growing acceptability of online payments and favourable demographics has provided the e-commerce sector in India the unique opportunity to companies connect with their customers, it said. There would be over a five to seven fold increase in revenue generated through e-commerce as compared to last year with all branded apparel, accessories, jewellery, gifts, footwear are available at a cheaper rates and delivered at the doorstep, (as per industry body Assocham). It is noted that the buying trends during 2016 will witness a significant upward movement due to aggressive online discounts, rising fuel price and wider and abundant choice will hit the e-commerce industry in 2016.

- It observed mobile commerce (m-commerce) is growing rapidly as a stable and secure supplement to the e-commerce industry. Shopping online through smart phones is proving to be a game changer, and industry leaders believe that m-commerce could contribute up to 70 per cent of their total revenues. In India roughly 60-65 per cent of the total e-commerce sales are being generated by mobile devices and tablets, increased by 50 per cent than in year 2015 and also likely to continue upwards. It noted that the browsing trends, which have broadly shifted from the desktop to mobile devices in India, online shopping is also expected to follow suit, as one out of three customers currently makes transactions through mobiles in tier-1 and tier-2 cities. In 2015, 78 per cent of shopping queries were made through mobile devices, compared to 46 per cent in 2013. In 2015, the highest growth rate was seen in the apparel segment almost 69.5 per cent over last year, followed by electronic items by 62 percent, baby care products at 53 per cent, beauty and personal care products at 52 per cent and home furnishings at 49 per cent. It revealed that Mumbai ranks first in online shopping followed by Delhi, Ahmedabad, Bangalore and Kolkata. On the mode of payment, almost 45 per cent of online shoppers reportedly preferred cash on delivery mode of payment over credit cards (16 per cent) and debit cards (21 per cent).
- Only 10 per cent opted for internet banking and a scanty 7 per cent preferred cash cards, mobile wallets, and other such modes of payment, it said. Among the above age segments, 18-25 years of age group has been the fastest growing age segment online



with user growth being contributed by both male and female segments. The survey revealed that 38 per cent of regular shoppers are in 18-25 age group, 52 per cent in 26-35, 8 per cent in 36-45 and 2 per cent in the age group of 45-60.

- Challenges of E-commerce in India
- India has less credit card population, lack of fast postal services in rural India. Accessing the Internet is currently hindered down by slow transmission speeds, frequent disconnects, cost of Wireless connection and wireless communication standards over which data is transmitted. High-speed-bandwidth Internet connection not available to most citizens of the nation at an affordable rate. In India, mostly people are not aware about the English language or not so good in English language. So that for the transaction over internet through electronic devices, language becomes one of the major factors to purchases, hire and sell a particular product or services. Multiple issues of trust in e-commerce technology and lack of widely accepted standards, lack of payment gateways, privacy of personal and business data connected over the Internet not assured security and confidentiality of data not in place to deploy ubiquitous IT Infrastructure and its maintenance.

- **Conclusion**

- Growth of e-commerce depend to a great extent on effective IT security systems for which necessary technological and legal provisions need to be put in place and strengthened constantly. While many companies, organizations, and communities in India are beginning to take advantage of the potential of e-commerce, critical challenges remain to be overcome before e-commerce would become an asset for common people.
- With the explosion of internet connectivity through mobile devices like Smartphone and tablets, millions of consumers are making decisions online and in this way enterprises can build the brand digitally and enhance productivity but government
- policies must ensure the cost effective methods/solutions. E- Commerce in India is destined to grow both in revenue and geographic reach. The challenge of establishing consumer trust in e-commerce poses problems and issues that need further research.



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A STUDY OF EFFECTIVENESS OF AVIATION CARGO LOGISTICS OPERATION IN INDIAN SCENARIO

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Abstract

Indian aviation cargo industry is a complex and competitive industry with any stakeholders and is ably navigating the ever changing and increasingly complex air freight and cargo environment while implementing new initiatives for its seamless growth, to keep it at par with international standards.

The main purpose is to study the basic activity involved in operations of aviation cargo logistics and various challenges face by aviation cargo logistics chain both are key areas of focus.

Throughput efficiency also will improved by upgrading infrastructure facilities and implementation of fast-track facilities it will also help in reducing dwell time and promote just in time operation process, which is essential to maintain relevant amount of inventories.

Keywords: Aviation Cargo, Logistics Operation

1] Introduction

Modern aviation transport is an essential enabler of global connectivity and serves as a key engine of economic growth of development. Aviation cargo brings in efficiency in movement of material bringing new market closer. Aviation cargo traffic in our country is expected to grow in upcoming years.

The research aims at understanding the problems of aviation cargo operations there are different stages of the process of import and export of the cargo some of the major process are export operations, import operations, air way bill, customer clearance, freight forwarding.



freight transportation. These study gives and overview about problems and challenges in aviation cargo operations. the problems like procedural bottlenecks of customs clearance, congestion at airport cargo terminal, reducing dwell time, insufficient use of belly cargo capacity, forecasting airline cargo capacity and space allocation challenges of handling hazardous cargo and dangerous cargo etc.

Indian aviation cargo industry is a complex and competitive industry with many stakeholders and is ably navigating the ever-changing and increasingly complex aviation freight and cargo environment while implementing new initiatives for its seamless growth, to keep it at par with international standards.

2] Objectives of the Study

1. To study the basic concept of aviation cargo industry and its operations.
2. To study the importance of aviation cargo logistics in the transportation of time-temperature sensitive perishable goods and study the basic concepts related with them.
3. To study the role and contribution of aviation cargo industry in Indian economy.
4. To study Indian airports outline and freight traffic analysis on major airports in India.

3] Research Problem

The aviation logistics industry in the country today is resist with many serious issues like inordinate dwell times, missing and non-traceable cargo, damaged cargo, processing times and queues at the cargo terminal etc. aviation cargo infrastructure in India is frequently designed for medium and long term requirements and woefully inadequate and overloaded. And hence is widely acknowledged that existing process at the airports for cargo act as a stumbling block for growth of industry.

Aviation cargo logistics industry suffering from various challenges is as follows

1. Lack of airport and airline capacity especially during peak hours.
2. Lack of connectivity to rural as well as small town.
3. Cost and government taxation policies.
4. Inefficiency of process leading to high dwell times.

4] Review of Literature

According to (Vasantha, 2019) that results of employees perception towards the challenges in

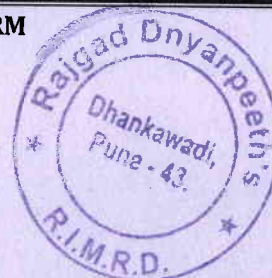


aviation cargo shows “lack of skilled manpower are identified as major challenges in aviation cargo operations” the main challenges in customs clearance and documentation is shortage of proper offers at right time. it is observed that the cargo packaging and handling are affected the operations and services in that carelessness of manpower leads damages because of improper and unskilled manpower affects the operations and services the handling of cargo which leads to damage. Also major problem found that major problem in truck lay is airlines are not giving carting order to the trucks at the right time is the main challenges face by respondent.

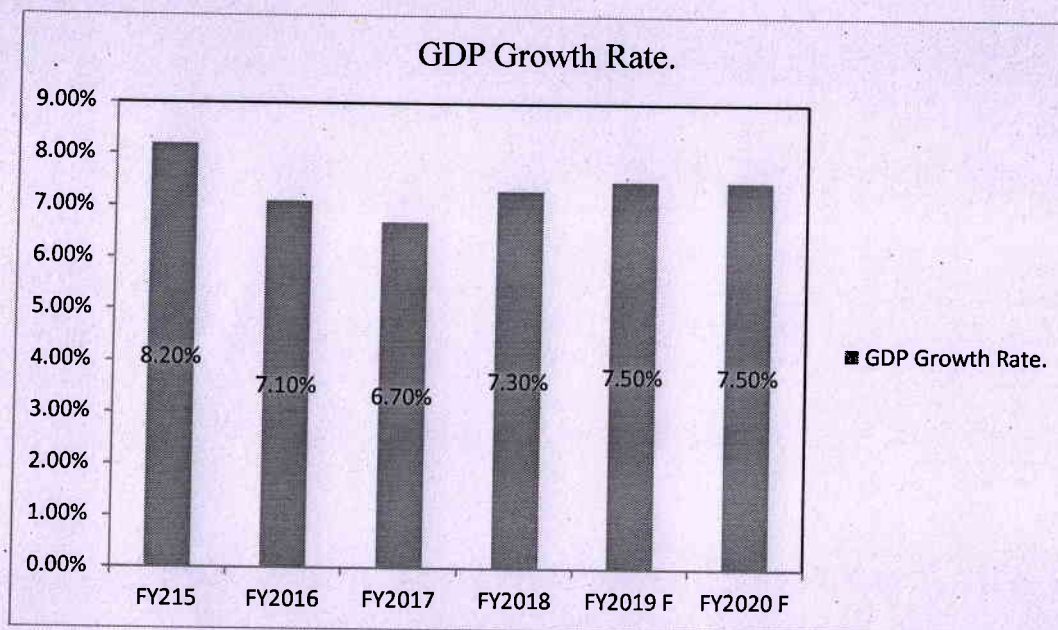
According to (Quang, 2017) Air cargo transport and air cargo services are two major factors that create the value of logistics in the air transport sector. It not only contributes directly to national income, but also contributes indirectly through the promotion of other sectors of the economy, especially the international trade of nations. To see the direct contribution, it is necessary to measure their value in GDP. To accomplish this objective, this study will brief the theoretical basis, build measurement methods, collect and analyzed data from 2011 to 2016. The results of the study will help the Vietnamese aviation industry to see the value of its contribution, the development trend and the development of appropriate policies.

According to (Ministry of Civil Aviation Government of India. Air Cargo Logistics In india., 2012) Air cargo logistics play a vital role in the economic development of nation. Airlines, air cargo terminal operators, ground handling services providers, integrated express service providers, forwarders, domestic cargo transport service providers and custom house agent are the key players in the entire air cargo supply chain. Thus the air cargo industry presents a wide variety of service providers coming together to move goods both domestically and internationally with a single minded purpose of faster and efficient delivery.

These business entities in air cargo logistics industry in turn interact with a number of cross-border regulatory agencies the principal among them is the customs establishment. Speedier services in the air cargo supply chain facilities larger number of business entities to become more competitive. Globally, more than one-third of the value of goods traded internationally is transported by air and therefore air cargo industry is considered as a barometer of global economic health.



5] Indian Aviation Industry and Its Overview



Graph 1: GDP Growth Rate (Source: World Bank Report)

Interpretation:

Domestic Macro-Economic Overview:

Economic growth is gaining strength in 2018 and even in 2019 India is likely to be the fastest-growing major economy in the world, as per World Bank. Union budget of 2018-19 continued the agenda of fiscal prudence with emphasis on reducing central government's debt to GDP ratio. Union Budget also focused on rural economy through targeted investments.

The short-term cost of temporary disruptions such as demonetisation and the Goods and Service Tax was seen in 2017 when India's GDP growth rate declined from 7.1% in 2016 to 6.7% in 2017. But, the effect is fading as per the latest report by World Bank, where they have maintained the expected growth projections 7.5% for 2019.

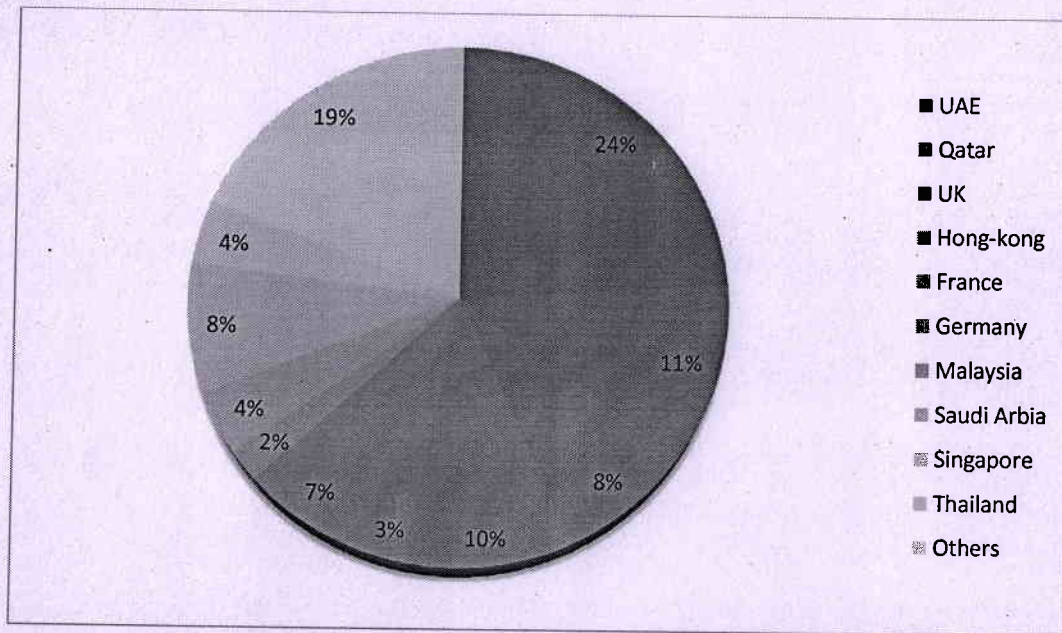
The strong and sustained outlook is on the back of robust private consumption and strengthening investments. The World Bank said that India's growth potential is of 7% in the medium-term and is currently growing above it. This can be attributed to the major economic reforms and fiscal measures taken by the government. In the World Bank's Doing Business Report (2018), India jumped from 130 to 100 ranks. India is among the top five reformers and has been able to improve its score in six out of 10 criteria used by World Bank to measure ease of doing business. This is a positive sign for investors

While the fundamentals are strong for India, but certain downside risk remain. As per World



Bank, the downside risks include internal possibility of fiscal slippages, delays in reforms to resolve financial vulnerabilities and improve the health of regional banking systems as well as external factors such as faster-than expected tightening in global financial conditions and fear of global trade war. However, at the same time, stronger than expected global growth can lead to increased domestic growth for India.

6] Top Countries for International Air Freight Traffic



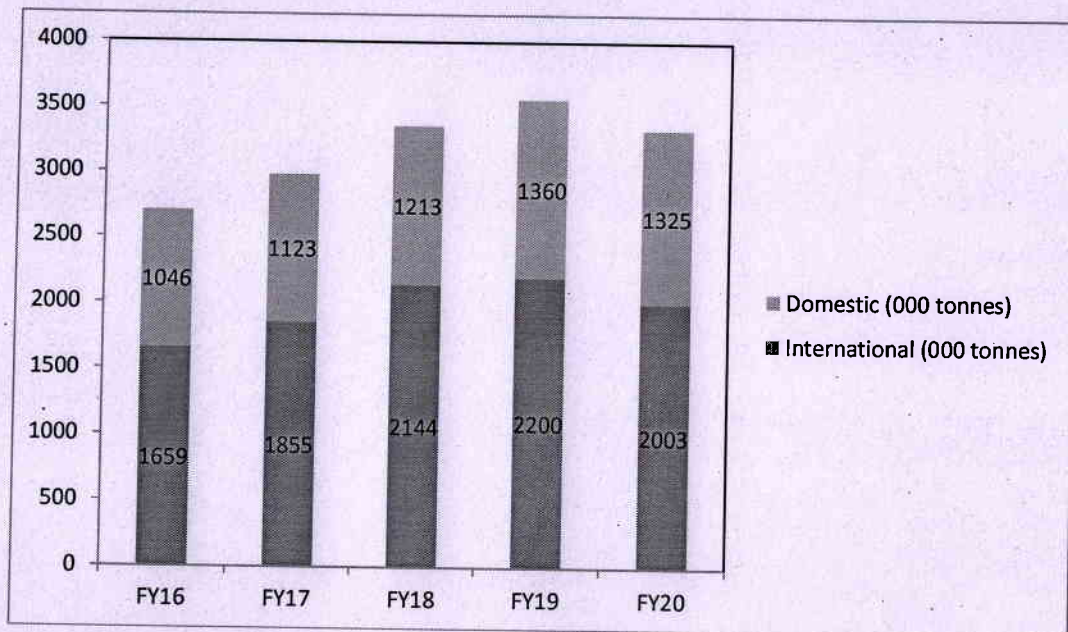
Graph 2: Top Countries for International Air Freight Traffic

Interpretation:

- According to AAI, over 2018-23, the international and domestic air freight is supposed to grow at a CAGR of 8% and 8.5% respectively with an overall growth of 8.2%.
- Considering this trend to continue till 2027, projected international and domestic air cargo will be 3.6 million MT and 2.1 million MT respectively resulting in total air cargo traffic of 6.8 million MT.
- As mentioned in short term goal for India which is set in national air cargo policy, to develop air cargo transshipment hub in India at all major airports by 2025.
- By referring regulatory policies and strategies which will be help to increase international air freight traffic as following:
 - A. Air service agreement and promoting co-operation with international airports
 - B. Cargo community infrastructure

C. Technology and innovation.

7] Freight Traffic Analysis



Graph 3: International and Domestic Freight Traffic

Interpretation:

- In FY20, domestic freight traffic stood at 1.32 MT and international freight traffic was at 2.00 MT
- By 2023, total freight traffic is expected to touch 4.1 MT, exhibiting a CAGR of 7.27% between FY16 and FY23. In addition, international freight is expected to grow at a CAGR of 7.50% and domestic freight traffic is expected to grow at a CAGR of 7.13% between FY16 and FY23.
- As we see, there is significant amount of growth in international freight traffic as compared to domestic market due to EXIM policy and Preferential and Free Trade Agreements which is part of regulatory policies and strategy in support of air cargo growth.
- Government also takes initiative to aligning with International standards to secure and facilitate trade it also helps to do ease of doing business and promote export from India to international market.

Conclusion

Speed of the delivery is a crucial to efficient logistics. Regulatory processes and the regulatory environment play a significant role in the movement of cargo by air and express delivery industry regulatory obligations are required to be fulfilled within a very short delivery timeframe. A simple, transparent and efficient regulatory environment without compromising on regulatory requirements is necessary for enabling faster movement of cargo/EDS by air.

Significant amount of investment made in creating infrastructure would become futile if the regulatory framework does not assist in the full realization of the potential of this infrastructure. As the regulatory environment impacting the air cargo industry spans over various department/Ministries, every wing of the government has to work in a concerted manner to ensure that the overall objective of economic development is advanced without barriers.

Customs administration have taken a number of initiatives toward trade facilitation and there is no denial of that; but what is important is that, today India is poised to become the economic power house of the world being one of the fastest growing economics and therefore needs of such a fast growing economy are different and this requires deeper analysis of problems on hand and a faster durable solution.

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AN EMPIRICAL STUDY OF EMERGING BENEFITS IN MOBILE WALLET APP WITH REFERENCE TO CUSTOMERS' PERCEPTION

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Abstract

In present world mobile play an important role in our daily life. In India, the growing adoption of Smart-phones and mobile phone has given a boost to the mobile wallet industry. The main aim of this paper is to identify benefits and analyze the perception of people towards mobile apps usage. The paper provides information about usage pattern of mobile apps and their impact on day to day activities of people. The research subject is important in the context of analyzing the relationship between different mobile applications and user engagement. Relationship between these two terms will be identified in terms of the responses provided by respondents. The data was collected from 100 respondents through a pre-tested and a well structured questionnaire. Besides that, perceptions of them towards mobile apps are also presented in order to understand the importance and selection of mobile apps in the canvas of the mind of people while using apps.

Keywords: mobile wallet, digital money, e-commerce

Introduction

A mobile wallet is a way to carry your cards information in a digital form on your mobile device. It is a form of e-commerce model that is designed to be used with mobile devices due to their convenience and easy access. There is need to provide information about usage pattern of mobile apps and their benefits. Research should be carried out to know the customer awareness and perception on adoption of digital mode of payment. All should know customer preferences towards mobile apps in order to understand the importance and selection of mobile apps in the canvas of the mind of people while using apps. The research subject is important in the context of analyzing the relationship between different mobile applications and user engagement.

Concept of Mobile Wallet

A mobile wallet is a facility provided by various e-wallet companies that allow users to make instant payment and various other transactions through their mobile application.

Mobile wallet provides a lot of benefit to wallet holders. There is a huge boost to the business



due to mobile wallets as it enables customers to make transactions at various merchants. Essentially, customers store money in their digital wallet that they use for various payments. The bank accounts of individual users are linked with their digital wallet. Digital wallets are not used only for online purchases but also for authentication of user.

Types of Payment Modes:

There are many modes of transacting through mobile wallets. Few of them are:

- 1) **Mobile Number Payment:** Sender enters receiver's phone number who is with the same mobile wallet service provider and adds the amount to transact. (e.g., VIPs wallets, Mobikwik, Free charge, Airtel money etc.)
- 2) **QR payment:** Sender scans the receiver's unique QR code which was generated by the service provider to make the payment. This is mostly used in stores.
- 3) **NFC Payments:** This works when two NFC chip enabled devices are placed next to each other exchange data.(e.g. Google Tez, Ultracash etc.)
- 4) **UPI Payments:** This works with service providers registered with National Payments Corporations of India. Users can transact by entering VPA (Virtual Payment Address). This service is mostly provided by banks and a few wallets.

Types of Wallets

Telecom Backed Wallets: Telecom Service Providers have their own mobile wallet. An initial service offered was mobile recharges. These providers are getting the payments bank license from the RBI. Airtel was the first mover in the market.

Wallets by banks: Major Banks are developing mobile wallets for their customers to have a direct interaction between buyer, seller and banks.

Statement of Research Problem

Mobile wallets are growing in INDIA as the consumers relying upon the digital lifestyle to make things convenient and faster. Mobile wallet providers should focus on following things to keep themselves competitive in the market and increase the customer base. Marketing planning helps you develop products and services in your business that meet the needs of your target market. Good marketing plan helps your customers understand why your product or service is better than others in the competition.

Objectives of the Study

- 1) To evaluate the benefits and merits of mobile payment system.



- 2) To find out the awareness and perception of the users towards digital wallets.
- 3) To recognize the leading factors needed to identify and analyze the relationship between different mobile applications and user engagement.
- 4) To assess the importance and selection of mobile apps in the mind of people while using mobile apps.

Research Design

SN	Parameter	Description
1	Type of research	Descriptive & Exploratory Research
2	Research Instrument	Structured Questionnaire
3	Survey period	July to September 2019
4	Type of product	Mobile Wallet
5	Primary sources	Structured questionnaire, observation
6	Secondary sources	Book, Journal, Articles, Magazines
7	Data interpretation	Though Graphs

Data Analysis and Interpretation

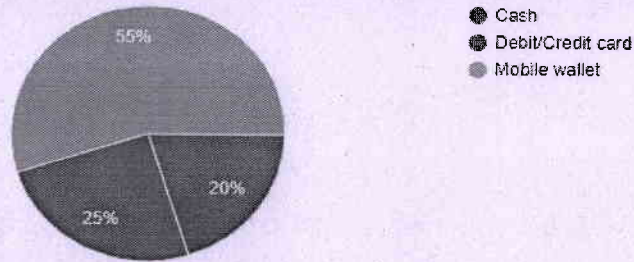
Demographic Profile of respondents

Gender		
1	Male	54%
2	Female	46%
Age		
1	Below 20	88%
2	20-40	7%
3	Above 40	5%
Qualification		
1	Below graduate	23%
2	Graduate	44%
3	Above Graduate	33%
4		
Occupation		
1	Student	17%
2	Employee	55%
3	Business	17%
4	Housewife	11%
5	Retired	00%



Q.1. Which mode of payment do you prefer the most?

100 responses

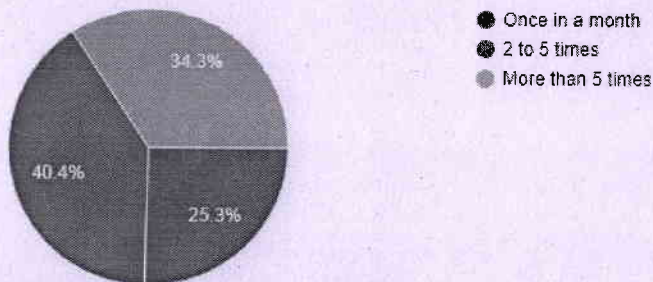


Graph 1: Analysis of mode of payment

Interpretation: After collecting and analyzing the above information, researcher interprets 55% responses are for Mobile Wallet.

Q.2. How often do you use mobile wallet in a month?

99 responses

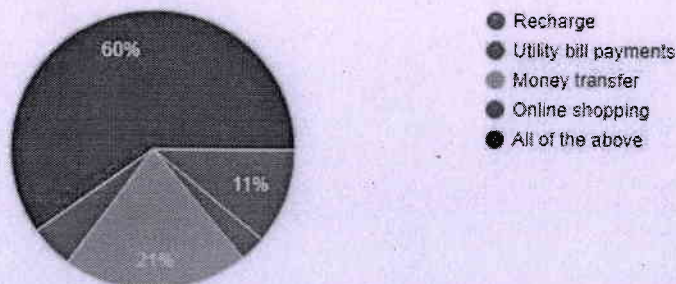


Graph 2 Analysis of mobile wallet use in a month

Interpretation: After collecting and analyzing the above information, researcher interprets 40.4% responses are for 2 to 5 times, 34.3% responses are for more than 5 times and 25.3% responses are for once in a month.

Q.3. You prefer using M-wallet mostly for transactions of___?

100 responses



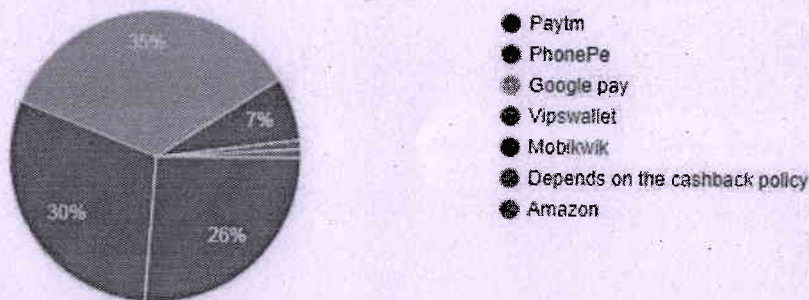
Graph 3 Analysis of transactions done using M wallet

Interpretation: From the above graph, researcher interpret 60% responses are for all of the above, 21% responses are for money transfer, 11% responses are for recharge and very less response for utility bill payments and online shopping.

Graph 4 Analysis of mostly prefer mobile wallet

Q.4. Which mobile wallet do you prefer the most?

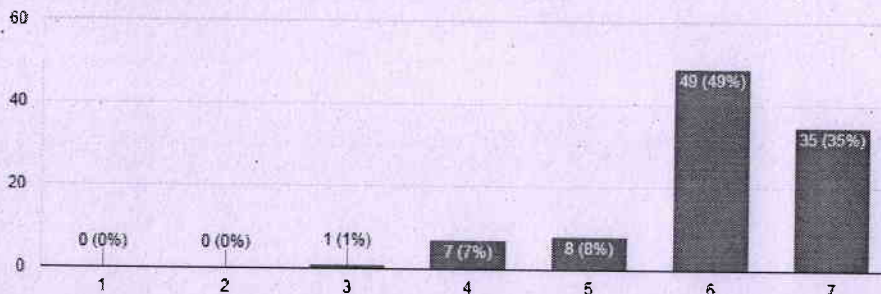
100 responses



Interpretation: From the above graph, researcher interpret 35% response is for Google pay, 30% response is for PhonePe, 26% response is for Paytm and 7% is for Vipswallet. Also 2% responses are for others specifying amazon and depends on the cashback policy.

Q.5. Rate the mobile wallet application that you have used.

100 responses



Graph 5 Rating of mobile wallet app

Interpretation: The study also looked for satisfaction rate of customer using mobile wallet. From the above graph, researcher interpret 35% people are highly satisfied with service provided by mobile wallet providers whereas 0% that is no one is dissatisfied with the use of mobile wallet.

Q 6) Rate the following M-wallet benefits: Access to all required payment services:

Total 100 responses:

Access to all required payment services

50

44



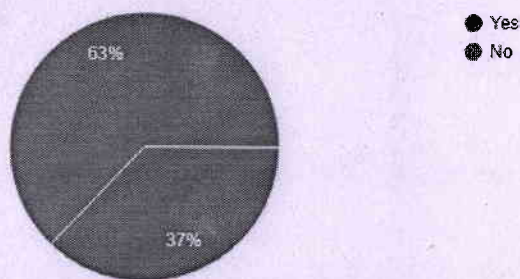
No. of responses

Graph 6 Access to all required payment services

Interpretation: The above table indicates 28% of respondents strongly agree that access to all required payment services is considered as one of the benefits of mobile wallet followed by 44% respondents agree to it and 3% respondents disagree.

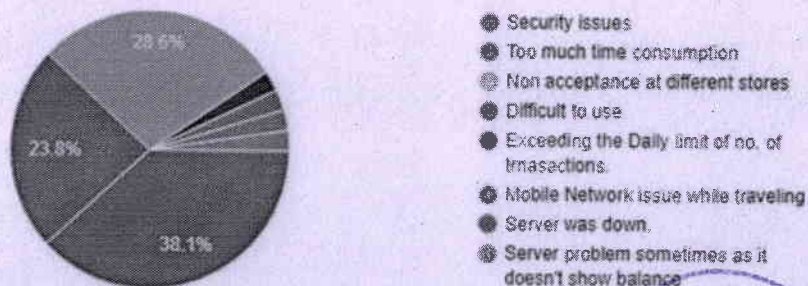
Q.7. Did you come across any obstacle while using mobile wallet?

100 responses



Interpretation: From the above graph, researcher interpret that 63% people have come across an obstacle and 37% people have not while using mobile wallet. This shows that maximum people are facing some problems when using mobile wallet.

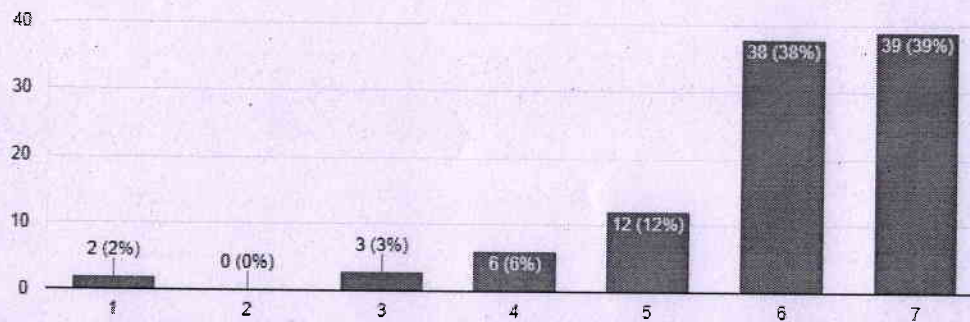
Q.8. If yes, what kind of obstacles you face the most?



Interpretation: From the above graph, researcher interpret 38.1% responses are for security issues, 28.6% responses are for non acceptance at different stores, 23.8% responses are for too much time consumption. Also some people have faced other obstacles like exceeding daily limit of no. of transactions, mobile network issue while traveling and server problems.

Q.9. Would you prefer to continue using M wallet?

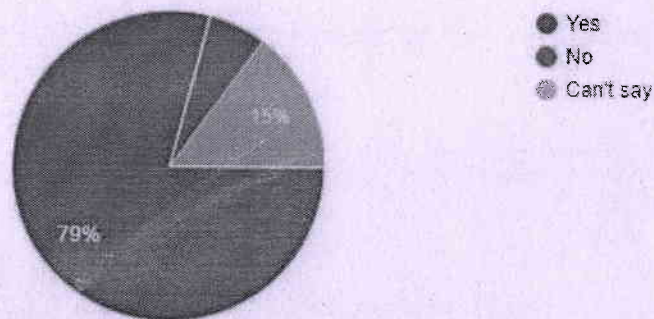
100 responses



Interpretation: From the above graph, researcher interpret 39% people are very likely interested to continue using M wallet whereas 2% are not likely interested.

Q.10. Do you think M-wallet should be widely available in India?

100 responses



Interpretation: From the above graph, researcher interpret 79% responses are for yes, 15% are for can't say and remaining 6 % are for no. This clearly shows that maximum people think M wallet should be widely available in India.

Findings of the Study

- The preferences for using mobile wallet payment services are high.
- The Availability, Convenience, Service acceptance, Security and Reward points are the major factors which influences most of the respondents to use mobile wallets.



- A large number of the respondents are satisfied with the service provided by them whereas a few number of the respondents are highly satisfied with the service used.
- Majority of the respondents have not come across any obstacle while using mobile - wallet and major problem faced by some of the users is security issues.
- As security is a major issue, most of the respondents fear of digital-wallet provider sharing the confidential information with other companies, misuse of information if phone stolen, rise in the number of cyber crimes and virus being installed on the phone.
- Security, necessity, time and services used are the factors which influence the preferences of the respondents.

Conclusion

The study was accomplished to explore consumer perceptions and willingness to use mobile wallets. Specifically the study explored awareness, usage, and likelihood of using smart phones for completing the monetary transactions. With the increased penetration of internet connectivity and smart phones has led to an increase in the number of digital wallet users.

Mobile-wallet is getting more and trendier among the consumers. As per the findings of the study, digital-wallet is getting popularity among the young lots such as students and employees. When a user is making an online payment via digital-wallets, the respondents are affected by various assorted factors. One of the main obstacles is security issues, due to which the users get anxious about his or her confidential information which may get disclosed. Therefore the mobile-wallet providers need to understand and meet the users trust and expectations. Mobile-wallets are growing in India as the consumers are relying upon the digital life style to make things convenient and faster and the consumers are embracing digital-wallet with open arms.

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A STUDY & IMPLEMENTATION OF 5S IN A MEDIUM SCALE ORGANIZATION: A CASE STUDY

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Abstract

5s practice is one of the techniques to improved quality environment, health and safety at the workplace. In this organization there is highly qualified staff is hired for each and every department. But, company still struggling to achieve a curtain bench mark; this is set by management. Normally, this improvement has been achieved through implementation of best practices, which are chosen to meet a particular objective. With increasing of the competition in the business market, two major challenges are in front of our organizations' managers: First, in this competitive environment, managers have to make the best decisions and choose the best methods to achieve their objectives and not to lose very finite opportunities. Second, lack of knowledge is one of the most important problems of managers about familiarity with an appropriate method to improve the performance of organization, successfully. 5S practice is one of the techniques to improve quality environment, health and safety at the workplace. Evaluation of 5S practice can be done through implementation of 5S audit at each division in the company

Keywords: 5S, sort, set in order, shine, standardize, sustain.

1] Introduction of 5S

5S system is a method using for set up and keeps quality of working environment in an organization. Such organization can organize and manage companies which require less space, human effort, time, quality and capital to make products with less faults and make a workplace well ordered, disciplined and clean .5S is a system to decrease wasting and optimize quality and productivity via monitoring an organized environment and use visual evidences to obtain more firm results.

The columns of 5S are sort (Seiri), set in order (Seiton), shine (Seiso), standardize (Seiketsu), and sustain (Shitsuke). In routine activity of every organization, daily works that support company and neatness are fundamental to an efficient activities flow. 5S is an idea that reshapes how you think about a workplace and provides a foundation for significant improvement but it is not simply about cleaning up a shop floor. The initial stage in 5S is deciding what is essential in the work environment and what is not. The second stage is put



the things where they provide the best support for the functions. The third stage is inspection, repairing and cleaning things to find and remove the root causes of damage and dirt. The fourth stage is team working and the members must have consensus on normal and new way of work. The fifth stage is personal discipline to follow the standards and to perform the personal characteristics, cleanliness and neatness of the organization. Regarding the importance of 5S implementation in today's organizations, this study aims to review previous studies about benefits of 5S implementation and its efficiency in organizations.

2] Literature review

Mr. Amit Jadhav (2011) Mr. Amit Jadhav. Implementing 5S within a Japanese context in sintered Pvt. Ltd. 2011 has implemented the principles of 5S in kihin fie manufacturing company in order to organise the tools, improving the work environment and efficient productive process. He introduced 5S methodology at kihin fie Company for addressing the problems like messy environment, inefficiency, wastage of time and money. The study revealed that 5S implementation led to reduction in time wastage by 49% and provided more productive time to meet the customer demands along with good profits.

Mr. Ramkumar Gupta et. al. (2012) have presented experience of 5S implementation and closely examined the effects of its implementation. They study focused on planning and issues from the manager's and employee's perspectives. They have discussed the short and long term consequences of implementing the 5S program. They found that 5S concept strengthens and facilitates team work, discipline, productive environment, ongoing commitment and maintain excellent service with involvement from top to bottom level management.

Rajesh and Qureshi (2013) have reported that in Indian economy, small scale industries play a significant role in employment and industrial production with 33.33% of export revenue. It is important to implement the basic lean tool (5S) in small scale industries for their development. They concluded that implementation of 5S in (SMES) bring vital improvement of 88.8% in production system within sequential weeks.

Khanna and Gupta (2012) have reported that Mayur Equipment Pvt. Ltd. Company situated in Jaipur (India) have improved the bad condition of the company with practice of 5S in the plant. The company image was totally changed with huge benefits and thereby helped the company to receive the Forbes Asia top 200 under billion awards in November 2012.

3] Objectives of the Study

- 1) To study the basic concepts of 5s and to understand its importance.
- 2) To increase the Productivity using 5s implementation.
- 3) To reduce the Material waste in an Organization.
- 4) To use the best practices and continuously improve them.



- 5) To understand the problem faced by the organization in implementation of 5S.

4) Research Design

- I. **Primary data:** Discussion with the Management level employees in Organization.
- II. **Secondary data:** Secondary data was collected on the basis of organization file, official records, management books, and website of the Organization .the main source of information was internet and the Organization brochures.
- III. **Type of research:** exploratory research
- IV. **Nature of research:** Qualitative research
- V. **Survey Period:** September 2019 to January 2020

5) Data Analysis and Interpretation

5.1] Time Analysis of Implementation of 5S

Time analysis or Time comparison play an important role in a company or industry to improve working and productivity efficiency. Time analysis nothing but comparison of operation time means how much time take by the process, manufacturing of product, searching of tools and materials, etc. We have implement 5S in this company, what is effectiveness after implementation of 5S we have recorded and compared it with old record, effectiveness of 5S before and after implementation is given below Table.

Since effectiveness reading is given out of 1, for example effectiveness of material searching is taken 1 out of 1 before implementation of 5S now after it is 0.5 out of 1, similarly the effectiveness reading is given to other processes. From that comparison we conclude that overall change is 75% means we have increased it up to 20% after implementation of 5S. Since it also increase productivity.

5.2] Processes effectiveness after and before implementation of 5s

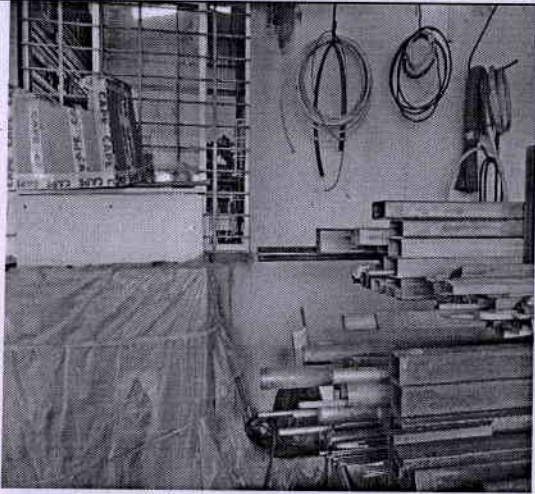
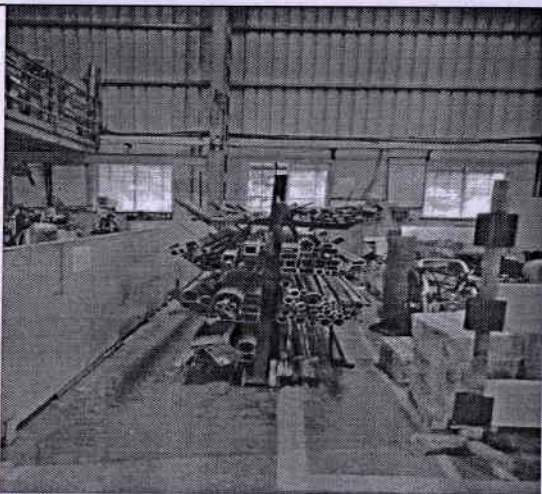
Sr. No.	Processes	Before (Hrs)	After (Hrs)
1	Material Searching Time	1	0.5
2	Tool Arrangement	1	0.5
3	Tool Sequence	1.5	0.3
4	Material Arrangement	1.5	0.5
5	Process Path Cleaning	1.5	0.8
6	Working Environment	1	0.3
7	Safety	1	0.5
8	Working Efficiency	1.5	0.7
9	Overall Time	10	4.1

TABLE 1

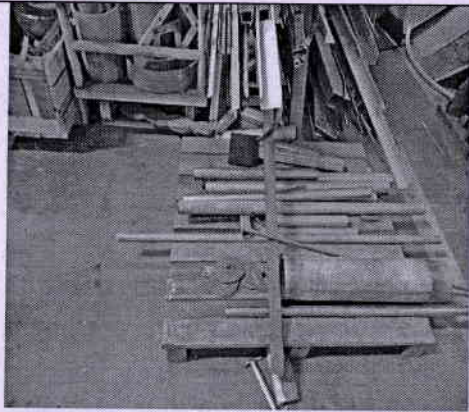
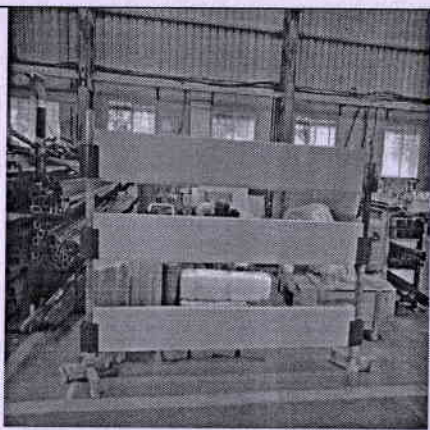


5.3] Before & after implementation of 5S situation

1's (sorting) raw material storage in store area

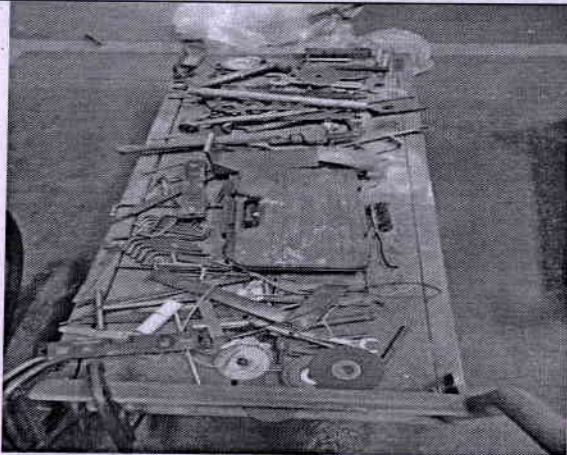
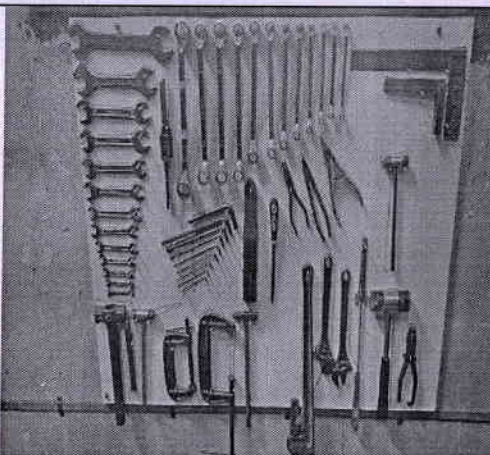
BEFORE	AFTER
	
<p>Raw material storage was near of wall & there is no spaces for material keeps / remove from rack. Thus material handling was difficult.</p>	<p>We changed the position of raw material rack, space provided from both sides of rack. Now it is easy to remove / keep the material on rack.</p>

2's (set in order) store's material inward area

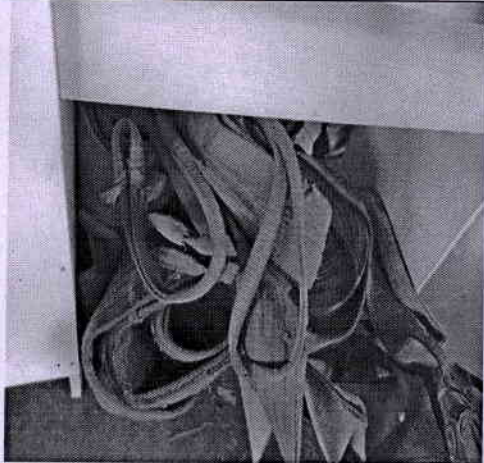
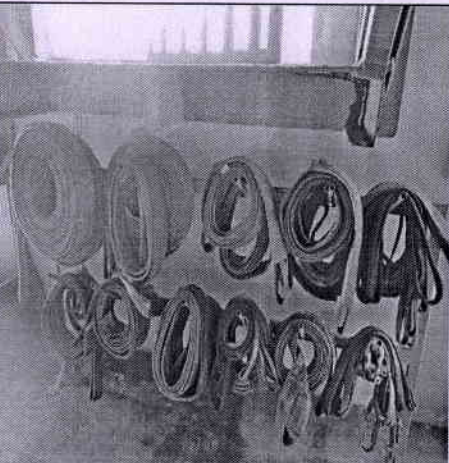
BEFORE	AFTER
	
<p>In store material inward area there was no partition between production & inward material place. Thus production peoples through the end pieces in of raw material in inward material area.</p>	<p>We provided specific area for inward material in store area with yellow marking & provided partition between inward material area & production. Also provided rack for production raw material. Now peoples are keeping material on production raw material rack.</p>

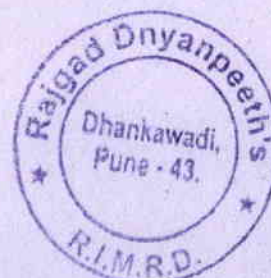


2's (set in order) tools management


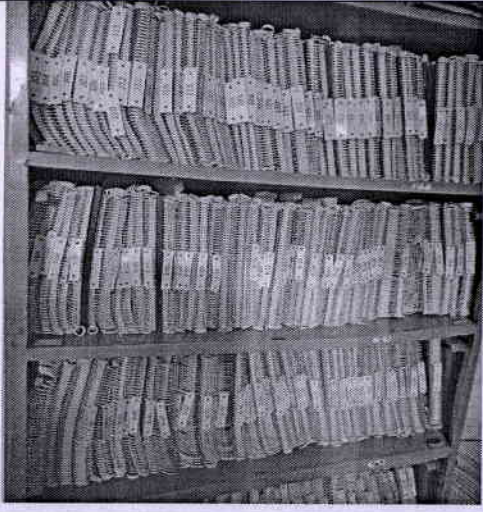
BEFORE	AFTER
	
<p>There was no provision to keep the assembly tools & tackles. lot of time was wasting for searching the tools & tackles</p>	<p>Now for tools & tackles we provided boards with shadow & sizes. Now there is no need to searching of tools & tackles, and it is easily visible.</p>

3's (Shine) lifting belt storage management


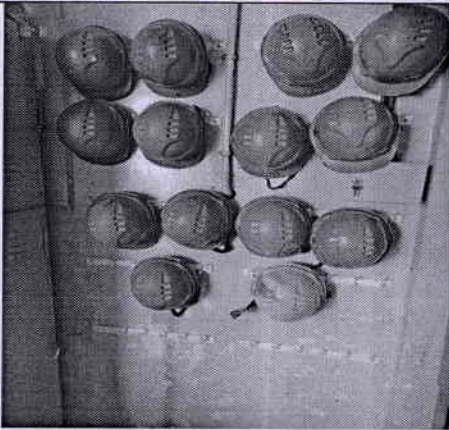
BEFORE	AFTER
	
<p>We were keeping the lifting belts in a cupboard. Belts finding is very difficult which is required.</p>	<p>Now we provide stand with hooks. Now it is very easy to get the proper sizes belt & restore.</p>



4's (standardization) product manual storage



BEFORE	AFTER
	
<p>There was no rack for product manual storage. Lot of time was wasting for searching the required manual.</p>	<p>Now we provide proper rack and numbering & project coding for each & every manual. Now there is no need to searching of manuals and it is easily visible.</p>

4's (standardization) helmet storage management

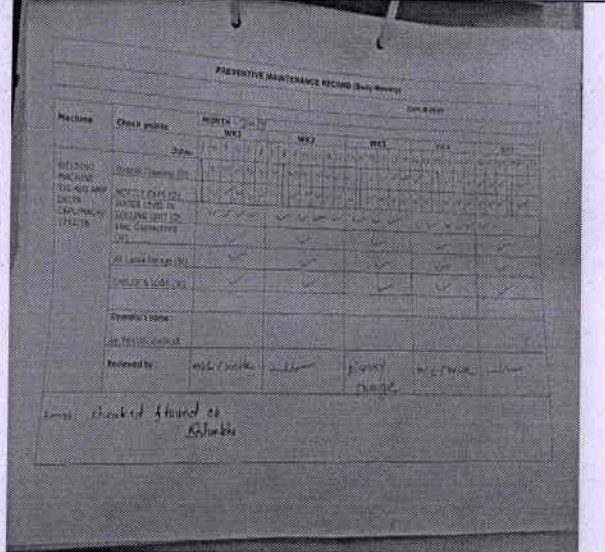
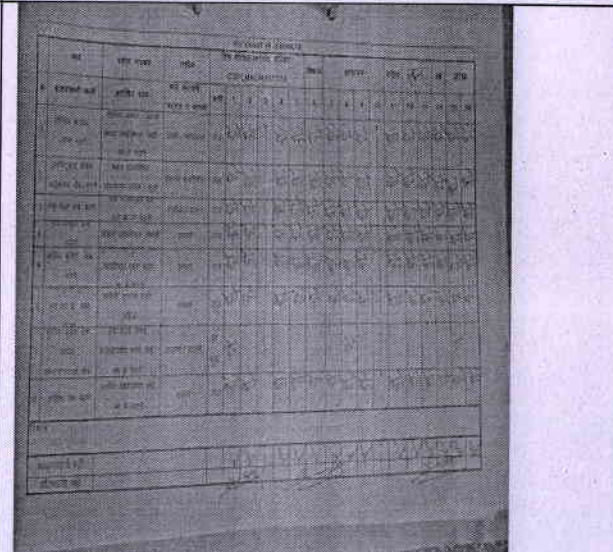
BEFORE	AFTER
	
<p>There was no provision for helmet storage. So people were keeping anywhere on shop-floor and machines.</p>	<p>Now we provided hangars for keeping the helmet. Now everybody keeps helmet on provided place.</p>



4'S (STANDARDISATION) PROJECT MATERIAL MANAGEMENT

BEFORE	AFTER
	
<p>There was no partition in trolley drawer. People were keeping material like above shown photo. Thus lots of time take to search the required materials.</p>	<p>Now we provide proper partition in the trolley drawer for each different sizes material with identification stickers. Now there is no need to searching of hardware and it is easily visible.</p>

5'S (SUSTAIN) MAINTENANCE

BEFORE	AFTER
	
<p>Old format of preventive maintenance, it is in English & there was only tick mark doing on chart & it is difficult to operator for filling so they doing tick mark only. There are some only major check points.</p>	<p>Provided am chart in Marathi & it is easy to read for all operators & they put remark in Marathi. now we added all major & minor points in this sheet so covered the all points.</p>



6] Suggestions

- i. The Organization should do 5's Audit on regular basis at least once in a month.
- ii. The Organization should try to provide proper knowledge regarding their 5'S Audit, even to people who don't know about such Program and their benefits especially in Ground level worker or Helper.
- iii. The work area is cleaned daily but cleaning tasks and cleaning Inspection Checklist have to implement for better result.
- iv. There is a strong correlation between proper training and successful 5's system. Without the proper tools and training employees can feel less engaged into the system. So, provide proper training to the all employee about 5's implementation.
- v. To achieve effective benefit of 5's taken the time to time reward your staff or teams that are outperforming others. This not means of rewarding employee for doing their job, but rather pointing out those that go above and beyond level of standards you layout.

7] Conclusion

The 5S is an effectiveness to manage tools and materials which can improve housekeeping, environmental conditions and health and safety standards and increase productivity and quality. 5S sort stage eliminates unused, unwanted material from the storage room which reduces clutter. Set in order allocates space for components, due to this it give more space for storing more material and tools and results in reduction in searching time. 5S reduce the searching time and improve the production and quality of the products and employees and organization become self disciplined.

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Conferring as a Resource Person

DNYANSAGAR INSTITUTE OF MANAGEMENT & RESEARCH

(Approved by AICTE, New Delhi, Recognized by Govt. of Maharashtra, Affiliated to S.P. Pune University)



To,
Prof. Dr. Manjiri Kalyankar
Rajgad Institute of Management Research & Development, Pune.

Date: Aug 7, 2020

Subject: Letter of Appreciation

Dear Madam,

In our pursuit of excellence and an endeavour to ameliorate the learning process, knowing the fact that perfection is not a destination but a continuous journey that never ends, we organized 'One day e -FDP on MBA CBCS & GS OBE Pattern in Organisation and Management Board for SEM-III on 31 st July 2020

The primary objectives of this e-FDP is to revisit the salient features of CBCS & GS OBE Syllabus, besides understanding of the development of online content, course delivery,online CCE, Rubrics and evaluation.

We are deeply humbled that you took time to deliver an online session in this e-FDP to address the academicians. This e-FDP would not have been possible without your valuable patronage. We thank you for imparting your valuable insights on '**Management of Non-profit organizations**' on 31 st July 2020.

We look forward to have you again with us in future for such academic exchange programmes. Thank you again for taking the time to share your thoughts as a '**Resource Person**' in this FDP

Sincerely,

Dr. Sajid Alvi
Director



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To,

Dr. Prajakta N. Warale
Associate Professor
NAAC/ IQAC Coordinator
Rajgad Institute of Management
Research and Development
Pune

Subject: Invitation as a Resource Person for FDP

Respected Madam,

Season's Greetings!!

We introduce ourselves as a Management Institute Established in 1994 affiliated to Savitribai Phule Pune University and recognized by AICTE, which has carved a niche itself in the state of Maharashtra.

It is our customary to conduct FDP, Seminar, Workshop and Conferences with word of Inspiration from a luminary and eminent personality like you, who with unstinted devotion and commitment to achieve have reached heights undaunted!

This year we are organizing two weeks FDP on the theme "Challenges in Multidisciplinary Research" from 15th June 2021 to 29th June 2021 and we cordially invite you as a Resource Person on **24th June 2021** at **11am – 12pm** for the session and address the participants on the topic "**Role of Data Analysis in Hypothesis Testing.**" We are sure it will be made memorable by your expertise & presence.

Thanks & Regards,

Dr. K. A. Ganjre
Director
MGV's IMR
Nashik

Dnyansagar Institute of Management & Research, Balewadi, Pune
in association with
Savitribai Phule Pune University



Certificate of Appreciation

This Certificate is awarded to

Prof. Dr. Manjiri Kalyankar

from

Rajgad Institute of Management Research & Development, Pune

in appreciation for imparting her valuable insights as a **Resource Person** in “**One Day e-Faculty Development Programme on MBA CBCS & GS OBE Pattern in Organization and Management Board for SEM-III**” on 31st July 2020.

Dr. Parag Kalkar

Dean, Faculty of Commerce &
Management, SPPU

Dr. Surbhi Jain

Professor & Head, Dept of
Management Sciences, SPPU

Dr. Nilesh Berad

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Prof.Pratiksha Pasalkar
HOD,BBA(CA)

Prof.Deepak Hawale
Phy.Director

Links will be shared shortly

Contact: 9975314789



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डॉ. प्राजक्ता निलेश वराळे

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॥ अब्धन ॥

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२०२१

सन्मानचिन्ह

स्थळ : भाग्यवती, पुणे
दिनांक : ५ सप्टेंबर २०२१

डॉ. प्राजक्ता निलेश वराळे

प्राचीन

डॉ. प्राजक्ता निलेश वराळे