



**“STUDY OF LEADING REMEDIATION MODELS
ADOPTED BY THE INDUSTRY FOR ADDRESSING
SKILL GAP IN IT SECTOR”**

A THESIS SUBMITTED TO
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CERTIFICATE

This is to certify that the work incorporated in the thesis entitled
“Study of Leading Remediation Models Adopted by the Industry for Addressing Skill
Gap in IT Sector” for the degree of ‘Doctor of Philosophy’ in the subject of
Management under the faculty of Management Studies has been carried out by Mrs
Rajeshwari Vivek Patil in the Department of Management Studies at Bharati
Vidyapeeth Deemed University Pune during the period from 2013 to 2015 under the
guidance of Dr Sachin S.Vernekar.

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This is to certify that the work incorporated in the thesis entitled “Study of Leading Remediation Models Adopted by the Industry for Addressing Skill Gap in IT Sector” Submitted by Mrs Rajeshwari Vivek Patil for the degree of ‘Doctor of Philosophy’ in the subject of Management under the Faculty of Management Studies has been carried out in the Department of Management Studies, Bharati Vidyapeeth’s Institute Management and Entrepreneur Development Pune during the period from 2012 to 2015 under my direct supervision/ guidance.

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DECLARATION BY THE CANDIDATE

I hereby declare that the thesis entitled “**Study of Leading Remediation Models Adopted by the Industry for Addressing Skill Gap in IT Sector**” submitted by me to the Bharati Vidyapeeth University Pune for the degree of Doctor of Philosophy (Ph.D) in Management under the faculty of Management Studies is original piece of work carried out by me under the supervision of Dr Sachin S Vernekar. I further declare that it has not been submitted to this or any other university or Institution for the award of any degree or Diploma

I also confirm that all the material which I have borrowed from other sources and incorporated in this thesis is duly acknowledged. If any material is not duly acknowledged and found incorporated in this thesis, it is entirely my responsibility. I am fully aware of the implications of any such act which might have been committed by me advertently or inadvertently.

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Abbreviations

APAC	Asia-Pacific
ASSOCHAM	Associated Chambers of Commerce and Industry in India
ASTD	The Association for Talent Development
BFSI	Banking, Financial Services and Insurance
BPM	Business process Management
CAGR	Compound Annual Growth Rate
CCNA	Cisco Certified Network Associate
CCNP	Cisco certified network professional
CII	Confederation Of Indian Industry
CMO	Chief Marketing Opportunity
FICCI	Federation of Indian Chambers of Commerce & Industry
GDP	Gross Domestic Product
IoT	Internet of Things
IT	Information Technology
ITES	Information Technology Enabled Services
LAN	Local-area network
MCA	Masters in Computer Application
MCM	Masters in Computer Management
NASSCOM	National Association of Software and Services Companies
NSDC	National Skill Development Corporation
NVQF	National Vocational Education Qualifications Framework
SMAC	Social, Mobile, Analytics and Cloud
TCS	Tata Consultancy Services