



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Criteria 1.3 : Curriculum Enrichment

1.3.3 Percentage of students undertaking project work/ field work/
internships (Data for the latest completed academic year) -2020-21
Department of MCA

INDEX

Sr No	Activities	Page No
A. Sample List of Students Undertaking		
1	Internships/Field Projects 2020-21	2
2	Field Projects/Internships (2020-21)	7
3	Mini Projects (2020-21)	11
B. Samples of Completion Certificates		
1	Internship Completion Certificates	18
2	Field Project Completion Certificates	58
3	Mini Project Completion Certificates	63
C. Sample Communications & Reports		
1	Internship Communications & Report	68
2	Field Project Communications & Report	75
3	Mini Project Report	82



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

A 1-Sample List of Student Internships/Field Projects 2020-21



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

MCA Internships (Final Year Projects) -2020-21			
Name of student	Title	Name of mentor	Company
JASPREET KAUR	LOAN PROCESSING	MONA DESHMUKHI	Dark Horse Digital Solutions Pvt. Ltd.
Nandan Tendulkar	Asset Management	Dr. Ramesh Solanki	Sankey Business Solutions
Susmita Patre	Document Management	Sangeeta Oswal	Maestrotek Innovations Pvt Ltd
Abhishek Shukla	Data and Analytics Pipeline	Dr. Shiv Kumar Goel	Quantiphi Analytics Solution Private Limited
Jitendra Sahoo	API and SDK Integration Plugin for Android Studio	Dr. Ramesh Solanki	CleverTap
Valeed Kottuvala			CleverTap
Richa Manchanda	Loan Processing	Dr. Dashrath Mane	Dark Horse Digital Solution Pvt. Ltd.
Swati Mishra	Log reader	Dr. Dashrath Mane	Nomura Services India Pvt Ltd
Darshan Pradeep Khot	Transition of Existing Website into VueJS Based Application	Dr. Dashrath Mane	(Building Blocks Learning Solutions Pvt. Ltd.)
Siddhartha Chaki	Upgrading legacy web application to Java Server Pages in Spring	Dr. Shiv Kumar Goel	Nomura Services India Pvt Ltd
Abhishek Mishra	Air Pollution Prediction using supervised machine learning	Prof. Vaishali Gatty	In-House Project
Sarvesh Satish Dalvi			
Satyajit Arun Sahu			
Shruti Vinod Vakkat			
Tanwi Jakhadi	External Storage access Management	Dr. Dashrath Mane	General Mills



Mona Deshmukhi



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Disha Khatri	Society Management System	Dr. Shiv Kumar Goel	Knacktechs Solutions
Ashitta Ann Silven	Malware and Decrypting System	Dr.Dashrath Mane	In-house Project
Prateek Gupta	Buddy App	Ameya Parker	Mobicule Technologies
Akash Ladge			
Vikrant Dharap			
Pawan Shadija	Multi - Client Architecture	Dr.Dashrath Mane	Dark Horse Digital Solutions Pvt. Ltd.
Rohan Kumbhare	H.R. Analytics Dashboards	Sangeeta Oswal	Syum Technology
Dhrupesh Indap	Buddy App	Dr. Ramesh Solanki	Mobicule Technology
Ashwini Deshmukh	Integrated Welfare Board Management System	Mona Deshmukh	IDCLE Tech LLP
Aditya Tare	B2B portal for ERP customers	Ameya Parker	Ximple Solutions
Sushil Saindane			Ximple Solutions
Sneha Shankar Hirnaik	Data Analytics System	Mona Deshmukh	Crisil Limited
Sanchita Rane	dynamic QR code for MTNL Bills	Dr.Dashrath Mane	MTNL
Kakshik Patil	Product Support (PermAssist/GreenLight)	Sangeeta Oswal	Codemines Solutions Pvt Ltd
Sanket Kadam	Wired for NPSP using eWAY		Atlas Solutions and Consulting Pvt. Ltd.
Vishal Kshirsagar	Diabetes Classifications on various ML algorithms	Prof. Ameya Parker	MAXGEN TECHNOLOGIES PVT LTD
Vishal Bhandari	APPIO(online application creation platform)	Dr Ramesh Solanki	grablor
Vishal Mourya	APPIO(online application creation platform)	Dr Ramesh Solanki	grablor



Mona Deshmukh



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Soumya Soochik	Combined Product Portal	Mona Deshmukh	Crisil Limited
Pranali Gupte	Infopath to Powerapps and Sharepoint Designer to Power Automate transition	Dr. Shivkumar Goel	General Mills
Pranav More	Task Management	Sangeeta Oswal	Dark Horse Digital Solutions Pvt Ltd
Ritesh Yadav			
Gaurav Sandu	Helpdesk	Ameya Parker	Chamunda Tech-Net Services Pvt. Ltd
Saurabh More	My Mechanic		Mindscript Technologies
Vinayak Padgaonkar	RAS -Refund Automation System	Dr. Dhanamma Jagli	Dark Horse Digital Solutions Pvt Ltd
Samiksha Dhavale	GLOBAL MARKETS - IT	Ameya Parker	BNP Paribas India Solutions
Avinash Kalani	Integrating Push Notifications Using Clevertap Sdk And Firebase To A Cross-platform Application	Dr. Dhanamma Jagli	CleverTap
Shrestha Upadhyay	USING TOOLTIPS IN MOBILE APPLICATION	Dr. Dhanamma Jagli	CleverTap
Hitendra chavan	Vehicle on rent online booking	Dr. Dashrath Mane	In house
Mayur Nagraj	OneSource Revamp	Dr. Dhanamma Jagli	Crisil Limited
Priyal Danani	Fulkrum	Dr. Dhanamma Jagli	Crisil Limited
Lakshmi Priya Kolathappilly	Candidate Portal	Dr. Dhanamma Jagli	Ripplehire
Devansh Tailor	Health Check up and Xpath generator	Dr. Dashrath Mane	BNP Paribas India Solutions
Nishant Bhandary	OneSource Revamp	OneSource Revamp	Crisil Limited
Komal Khandelwal	MBOCWBB - Skill Development Program	Mona Deshmukh	IDCLE Tech LLP



Handwritten signature: Mona Deshmukh



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Pooja Gupta	Online Job Portal	Prof. Ameya Parkar	AS Vaidik Pvt. Ltd.
Sneha Koottampallil	Reconciliation System	Mona Deshmukh	BNP Paribas India Solutions
Aishwarya Jitendra Admuthe	Buddy App	Dr. Dhanamma Jagli	Mobicule Technologies Pvt Ltd
Chanchal Patil	RCM Application	Mona Deshmukh	CMS Info Systems Ltd
Asmeeta Pravin Panchal	Multi - level Marketing System	Prof. Dhanamma Jagli	Kirat Communications
Akshay Ingole	Student Record Management System	Dr. Ramesh Solanki	In house
Bhavish Kukreja	Buddy App	Mona Deshmukh	Mobicule Technologies Pvt Ltd
Aniket Gadge	Vehicle on rent online booking	Dr. Dashrath Mane	In house
Swati Mishra	Log Reader Tool	Dr. Dashrath Mane	Nomura

Mona Deshmukh





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

A 2-Sample List of Student Internships/Field Projects 2020-21



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

MCA Internships (Final Year Projects) -2020-21

Name of Student	Title	Name of Mentor	Company
Kaushik Janmanchi	Tech Upgrade of Lending Application	Dr. Shivkumar Goel	Intellect Design Arena Ltd
Nupur Parab	FXO Basics-FX and LND Products	Meenakshi Garg	BNP Paribas
Heramb Patil	Nostro Automation	Meenakshi Garg	BNP Paribas
Afzal Husain	Agile Methodology's Transformation Quantitatively Measuring Matrics implementation	Ameya Parkar	College Internship (In-house Project)
Brijesh Vishwakarma	Early Warning System	Monali Rajput	CRISIL
Premkishor Jha	Fulkrum	Monali Rajput	CRISIL
shivam kumari	Hotel Property Management System	Indira Bhattacharya	Sahu Technologies
Shraddha Rai			Boutique tutorial application
Shraddha Rai	Boutique tutorial application	Dr. Ramesh Solanki	Stellar Infosys
Shailesh Prasad	ITMAP	Sunny Nahar	Intelloger
Mohammad Nafis Khan	Loan Processing System	Sunny Nahar	Dark Horse Digital Solution Pvt. Ltd.
Shamshir Baig	orm Monitoring (Live Desk)	Sunny Nahar	Flair Labs
Raj Shetye	Case Management System	Vaishali Gatty	Exits Consultancy Services
Atul Wagh	Fake News Detection	Dr. Ramesh Solanki	Maxgen Technologies Pvt Ltd
Josy Jose			Financial Analytics
Megha Rajan	Financial Analytics	Ruchi Rautela	Syum Technology Pvt Ltd
Shraddha Vichare	Task Management	Sunny Nahar	Dark Horse Digital Solutions Pvt Ltd



Mona Deshmukh



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Prathamesh Varadkar			
	Diabetic Classification and Data Analysis	Monali Rajput	Maxgen Technologies Pvt Ltd
Nabil Kazi	Asia-Pacific BioTech Ecommerce	Meenakshi Garg	Code Septem Technologies LLP
Jyoti Mamlidala			Syum Technology Pvt Ltd
	Business Analytics	Ruchi Rautela	
Yamini Agrawal	Ideal Wealth & Funds - 6.0	Dr. Dashrath Mane	Credence Analytics (India) Private Limited.
Bhaves Mandavkar	Gumakkad Web-Admin Website	Indira Bhattacharya	TrustSoft Solution pvt ltd
Maggie Torne	Coalshastra	Indira Bhattacharya	CoalShastra pvt ltd
Rashi Solanki	Library Management Sysytem	Monali Rajput	e-Emphasys System pvt ltd
		Ameya Parkar	Heckyl Technologies Pvt Ltd
Nikita Wani	Mutual Funds System		
Suraj Singh	Asia-Pacific BioTech Ecommerce	Meenakshi Garg	Code Septem Technologies LLP
Klran Gurbani	Employee Portal	Dr. Dashrath Mane	Masys Solutions pvt. ltd
Aishwarya Dhuri	Financial data quality checks and reconciliation	Dr. Dashrath Mane	Nomura
Manasi Patil	Buddy Attendance App	Indira Bhattacharya	Mobicule Technologies Pvt. Ltd.
Priyesh Sharma			
Rohit Pandey	Excel Integration	Indira Bhattacharya	CMS
Aakash Gupta	Library Management System	Meenakshi Garg	e-Emphasys System Pvt Ltd.
Divya Dubey	Excel Integration	Ruchi Rautela	CMS
Venkatesh Nadar	IT Management System	Ameya Parkar	AS VAIDIK PVT LTD
Chetankumar Gupta	Automated Data Flow	Monali Rajput	CRISIL
Jinang Vora	HD Shopnet/ Resource Demand/ Software Attestation	Indira Bhattacharya	General Mills
Nikhil Tanaji Bhoite	hashcodec	Sangeeta Oswal	Supero Software PVT LTD
Sushantkumar halaso pawar	hashcodec	Sangeeta Oswal	Supero Software PVT LTD



*File
of one Dashmukh*



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Chandan Yadav	Loan Processing	Ruchi Rautela	Dark Horse Digital Solution Pvt. Ltd.
Soham Morankar	Job Management System/ Accounting Integration	Vaishali Gatty	D3 Systems Pvt. Ltd
Medhank Pathare	Attendance Management System	Vaishali Gatty	College Internship (In-House Project)
Paramjeet Singh Nagi			
Akshay Nair	CRASH ALERT	Vaishali Gatty	College Internship (In-House Project)
Sai Sunil Kasthoori			
Sahil Shete	BUDDY SURVEY SYSTEM	Vaishali Gatty	Mobicule Technologies
Mamta Gupta	Candidate Portal	Sangeeta Oswal	Ripple Hire
Anam Arif	Employee Refrral	Sangeeta Oswal	Ripple Hire
Rohit Yadav	HumaBook	Sunny Nahar	Commtext Solutions pvt ltd
Ritik verma	Test automation (Invoice reconciliation system)	Meenakshi garg	BNP PARIBAS
Yash Naik			
Ronit Khorjuvekar		Meenakshi Garg	NectarWise Research Solution
Divya Pokhriyal	Labour Management System	Ruchi Rautela	As Vaidik Pvt ltd
Atul pramod wagh	Fake news detection	Ramesh solanki	Maxgen Technologies Pvt Ltd
Devesh Ramesh Patil	R-POS Billing App	Monali Rajput	Reliance Retail
Karishma vijay chavan	Online survey Tool	Indira Bhattachariya	ZI SYSTECH
Rishabh Om Kankani	Candidate Portal	Dr. Shivkumar Goel	RippleHire
Singh Vishal Ramashankar Manju	FlowBook	Sunny Nahar	Commtext Solutions PVT LTD



Mona Deshpande



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

A 3. Sample List of Student Mini Projects **2020-21**



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

MCA First Year (Sem II) Mini Project details (20-21)						
Group No.	Roll No.	Name of Student	Email Id	Title	Domain	Name of the Mentor
A1	29	Nishant Khalate	2020.nishant.khalate@ves.ac.in	Farmer Application	Android App Development	Dr. Shiv kumar Goel
	47	Veda Pingale	2020.veda.pingale@ves.ac.in			
	16	Hrishikesh Gawas	2020.hrishikesh.gawas@ves.ac.in			
A2	41	Vinod Nayak	2020.vinod.nayak@ves.ac.in	Employee Benefactor	Android Application Development	Dashrath Mane
	55	Aniket Singh	2020.aniket.singh@ves.ac.in			
	52	Monish Shetty	2020.monish.shetty@ves.ac.in			
A3	13	Sachin Dhalani	2020.sachin.dhalani@ves.ac.in	Boutique Shop (Live Project)	Android Application	Sangeeta Oswal
	20	Raja Gwalani	2020.raja.gwalani@ves.ac.in			
	26	Kajal	2020.kajal.chiral@ves.ac.in			
A4	3	NAROTTAM ASWAL	2020.narottam.aswal@ves.ac.in	SOCIAL MEDIA APP	REACT NATIVE AND PYTHON	Dr. Dhanamma Jagli
	4	CHANDRAKRISHNA BAJAJ	2020.chandrakrishna.bajaj@ves.ac.in			
	27	ATHARVA KALE	2020.atharva.kale@ves.ac.in			
A5	32	Pranay Lambodari	2020.pranay.iambodari@ves.ac.in	Image to speech	Artificial Intelligence	Sangeeta Oswal
	9	Ritu Bhatt	2020.ritu.bhatt@ves.ac.in			
	59	Yash Tembhare	2020.yash.tembhare@ves.ac.in			
A6	34	Aditya Latpate	2020.aditya.latpate@ves.ac.in	Sangeet Music player	Android Application	Dr. Ramesh Solanki
	43	Raj pabnani	2020.raj.pabnani@ves.ac.in			
	24	Niraj jha	2020.niraj.jha@ves.ac.in			
A7	10	Sumedh Bhatwadekar	2020.sumedh.bhatwadekar@ves.ac.in	Grocery Shopping using Block Chain and Data Mining	Web Development	Ameya Parkar
	38	Rahul Mishra	2020.rahul.mishra@ves.ac.in			
	7	Shubham Bendal	2020.shubham.bendal@ves.ac.in			
	8	Siddhi Bhabal	2020.siddhi.bhabal@ves.ac.in			



Dhanamma Jagli



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

A8	22	Prathamesh Indulkar	2020.prathamesh.indulkar@ves.ac.in	Expense Tracker	Android Application	Ruchi Rautela
	62	Akshay Vedak	2020.akshay.vedak@ves.ac.in			
A9	37	Manisha	2020.manisha.pal@ves.ac.in	Tweet Sentiment Analsis	NLP Based Web Application	Mona Deshmukh
	42	Ayush Negi	2020.aaysuh.negi@ves.ac.in			
	49	Akansha Rai	2020.akansha.rai@ves.ac.in			
A10	35	Shruti Mahadik	2020.shruti.mahadik@ves.ac.in	Monitoring Suspicious Discussions on Online Forum using Data Minig	Web Development	Ameya Parkar
	19	Komal Guram	2020.komal.guram@ves.ac.in			
	45	Akshata Patil	2020.akshata.patil@ves.ac.in			
A11	12	Kunal Bhosle	2020.kunal.bhosle@ves.ac.in	Notes Management System	Web Development	Mona Deshmukh
	28	Shrutesh Karam	2020.shrutesh.karam@ves.ac.in			
	50	Pranita Raut	2020.pranita.raut@ves.ac.in			
A12	11	Shreya Bhavsar	2020.shreya.bhavsar@ves.ac.in	Food for calories	Website Development	Dr. Shiv kumar Goel
	15	Mrunmayi Gahivade	2020.mrunmayi.gahivade@ves.ac.in			
A13	2	Ariarasu Thara	2020.ariarasu.t@ves.ac.in	Institute management system	web application	Dashrath Mane
	30	vrushali khavanekar	2020.vrushali.khavanekar@ves.ac.in			
	36	Mamali Maharana	2020.mamali.maharana@ves.ac.in			
A14	60	Hrshikesh Thite	2020.hrshik.thite@ves.ac.in	E commerce Website	Web Application	Dr. Ramesh Solanki
	51	Jawad Shaikh	2020.jawad.shaikh@ves.ac.in			
	21	Sagar Hatwar	2020.sagar.hatwar@ves.ac.in			
A15	23	Shivam Israni	2020.shivam.israni@ves.ac.in	Online auction system	Web application	Dashrath Mane
	58	Rohan Tandalekar	2020.rohan.tandalekar@ves.ac.in			
	31	Kunal Koli	2020.kunal.koli@ves.ac.in			
	44	Jai Patel	2020.jai.patel@ves.ac.in			



Manoj DS Jaghi



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

A16	33	Harshil	2020.harshil.lathia@ves.ac.in	Virtual Service Provider	Web Technology	Mona Deshmukh
	39	Shubham Nachare	2020.shubham.nachare@ves.ac.in			
A17	6	Sara Balbale	2020.sara.balbale@ves.ac.in	Social media app	Web Technology	Indira Bhattacharya
	14	Alma Dolare	2020.alma.dolare@ves.ac.in			
A18	18	Prema Gupta	2020.perna.gupta@ves.ac.in	Food Order Website with admin pannel	Web development	Sunny Nahar
	40	Shruti Naik	2020.shruti.naik@ves.ac.in			
A19	1	Tanmay Agale	2020.tanmay.agale@ves.ac.in	College Management System	Android application	Dr. Dhanamma Jagli
	25	Dinesh kahar	2020.dineshkumar.kahar@ves.ac.in			
	63	Daya shankar yadav	2020.dayashankar.yadav@ves.ac.in			
A20	53	Gauri Shetye	2020.gauri.shetye@ves.ac.in	Donation Website	Web Development	Dr. Dhanamma Jagli
	54	Shraddha Shinde	2020.shraddha.shinde@ves.ac.in			
	57	Nandini Sonar	2020.nandini.sonar@ves.ac.in			
A21	17	Moin Ghadiyali	2020.moin.ghadiyali@ves.ac.in	Social Media Platform	React and NestJS	Sangeeta Oswal
	46	Ashwin Pillai	2020.ashwin.pillai@ves.ac.in			
	5	HARSH MANOJ BAJPAI	2020.harsh.bajpai@ves.ac.in			
A22	56	Vivek Singh	2020.vivek.singh@ves.ac.in	Smart Traffic Surveillance System	IOT	Dr. Shiv kumar Goel
	61	Siddhant V R	2020.siddhant.vr@ves.ac.in			
	48	Vinay Kumar Prajapati	2020.vinay.prajapati@ves.ac.in			
B1	55	Chiranjit Singh	2020.chiranjit.singh@ves.ac.in	Discord Bot	Python	Vaishali Gatty
	10	Ritesh Dhandi	2020.ritesh.dhandi@ves.ac.in			
	15	Rittik Gupta	2020.ritik.gupta@ves.ac.in			
	27	Jennifer Preetam Kumar	2020.jennifer.kumar@ves.ac.in			
	23	Ribeka Kallepally	2020.ribeka.kallepally@ves.ac.in			



*Ashana
Dr Jagli*



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

B2	62	Vidya Surbi	2020.vidya.surbhi@ves.ac.in	Stock bot	Python	Dashrath Mane
B3	52	Arbaaz Khan	2020.arbaaz.shaikh@ves.ac.in	E-Learning App (Placement Edition)	Android App	Indira Bhattacharya
	9	Mohit Devadiga	2020.mohit.devadiga@ves.ac.in			
	40	Arfat Patel	2020.arfat.patel@ves.ac.in			
B4	8	Mohammad Faraz Deshmukh	2020.mohammadfa.deshmukh@ves.ac.in	Grading System Using Fuzzy Logic	Python	Mona Deshmukh
	32	Mukhul Menon	2020.mukul.menon@ves.ac.in			
	49	Afzal Sayyed	2020.afzal.sayyed@ves.ac.in			
B5	31	Tejaswini Mahajan	2020.tejaswini.mahajan@ves.ac.in	Cryptocurrency Prediction	Python	Monali Rajput
	38	Muskan Otari	2020.muskan.otari@ves.ac.in			
	29	Jagruti Lilhare	2020.jagruti.lihare@ves.ac.in			
B6	39	Shruti Palande	2020.shruti.palande@ves.ac.in	Hotel Booking app	React	Dr. Dhanamma Jagli
	36	Prajakta Nandawade	2020.prajakta.nandawade@ves.ac.in			
	17	Edvin Guromin	2020.edvin.guromin@ves.ac.in			
B7	1	Rupesh Bovalekar	2020.rupesh.bovalekar@ves.ac.in	AI Assistant	Python	Ameya Parkar
	60	Siddhesh Waman	2020.siddhesh.waman@ves.ac.in			
	42	Ronak Pathare	2020.ronak.pathare@ves.ac.in			
B8	26	Devan Khandagale	2020.devan.khandagale@ves.ac.in	Face Mask detection	Flutter	Dr Meenakshi Garg
	59	Arya Varma	2020.arya.varma@ves.ac.in			
B9	7	Avadhoot Desai	2020.avadhoot.desai@ves.ac.in	FarmEasy	Python	Dr. Ramesh Solanki
	25	Aditya Kawale	2020.aditya.kawale@ves.ac.in			
	5	Deepayan Das	2020.deepayan.das@ves.ac.in			
	35	Biswadeep Mondal	2020.biswadeep.mondal@ves.ac.in			



Dr. Dhanamma Jagli



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

B10	18	Divyesh Halwai	2020.divyesh.halwai@ves.ac.in	Student Online Portal	Java Web App	Vaishali Gatty
B11	30	Sarvesh Mahajan	2020.sarvesh.mahajan@ves.ac.in	AI Virtual Mouse	Python	Ruchi Rautela
	13	Adinath Dixit	2020.adinath.dixit@ves.ac.in			
	58	Saurabh Tikam	2020.saurabh.tikam@ves.ac.in			
B12	43	Nishikant Patil	2020.nishikant.patil@ves.ac.in	AI RADIO	Android	Monali Rajput
	28	Rutvik Lhase	2020.rutvik.lhase@ves.ac.in			
	33	Parth Mhatre	2020.parth.mhatre@ves.ac.in			
B13	3	Siddhesh Chavan	2020.siddhesh.chavan@ves.ac.in	College Voting System App	Android	Dr. Shiv kumar Goel
	20	Karthik Iyer	2020.karthik.iyer@ves.ac.in			
	54	Sagar Shetty	2020.sagar.shetty@ves.ac.in			
B14	37	Pallavi Nikam	2020.pallavi.nikam@ves.ac.in	Law Help	Android	Vaishali Gatty
	56	Kishor Singh	2020.kishor.singh@ves.ac.in			
	19	Deepika Honkan	2020.deepika.honkan@ves.ac.in			
B15	45	Peffina Zilpah	2020.peffina.prabahar.ves.ac.in	Wings	Android	Monali Rajput
	4	Manisha Chorotia				
	51	Yasmeen Shaikh	2020.yasmeen.shaikh@ves.ac.in			
B16	22	Rishabh Hemant jain	2020.rishabh.jain@ves.ac.in	Custom PC Building E-commerce Site	Website	Sunny Nahar
	14	Sahil Goliwar	2020.sahil.goliwar@ves.ac.in			
	53	Mohammad Akram	2020.mohammadakram.shaikh@ves.ac.in			
B17	6	Umang Davda	2020.umang.davda@ves.ac.in	Optical Character Recognition	Android	Ruchi Rautela
	46	Sumedh Prabhu	2020.sumedh.prabhu@ves.ac.in			
	57	Trasun Singh	2020.trasun.singh@ves.ac.in			
	48	Saurabh Rewadkar	2020.saurabh.rewadkar@ves.ac.in			
	61	Roshni Yadav	2020.roshni.yadav@ves.ac.in			



Shanay D.S. Jagli



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

B18	16	Rohit Kumar Gupta	2020.rohit.gupta@ves.ac.in	Desktop Assistant	Python	Sunny Nahar
B19	24	Pragati kankariya	2020.pragati.kankariya@ves.ac.in	AI Assistant	Python	Meenakshi Garg
	50	Amruta Shahane	2020.amruta.shahane@ves.ac.in			
B20	11	Yogita Dhumal	2020.yogita.dhumal@ves.ac.in	E Wallet	Angular	Meenakshi Garg
	12	Pratik Dikonda	2020.pratik.dikonda@ves.ac.in			
	41	Rahul Pathak	2020.rahul.pathal@ves.ac.in			
B21	21	Asmita Jagdale	2020.asmita.jagdale@ves.ac.in	Stats Tracker	Java	Indira Bhattacharya
	44	Nikita Pawar	2020.nikita.pawar@ves.ac.in			
	47	Sanket Rajput	2020.sanket.rajput@ves.ac.in			
B22	34	Shubham Mishra	2020.shubham.mishra@ves.ac.in	Digital ticket system for remote queing at retail shoap	android	Sangeeta Oswal
	2	Altaf chaudhry	2020.altaf.chaudhary@ves.ac.in			
				Dr. Dhanamma Jagli Mini Project Incharge		





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

B 1. Sample Internship Completion Certificates



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



3930 Knowles Ave #305, Kensington, MD 20895, United States

Certificate of Internship

This is to certify that Sushil Saindane has successfully completed his internship program with Ximple Solutions as Jr. Software Developer. Sushil started his internship on February 1, 2021 and completed on July 10, 2021.

Sushil participated in the development of our outstanding B2B eCommerce platform in Angular and Java in which he completed all his tasks flawlessly.

During the internship, Sushil has demonstrated a great skill with a self-motivated attitude to learn new things. We wish him all the best for all his future endeavors.

Sincerely,

Mike Patel

VP, Sales and Marketing





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



3930 Knowles Ave #305, Kensington, MD 20895, United States

Certificate of Internship

This is to certify that Aditya Tare has successfully completed his internship program with Ximple Solutions as Jr. Software Developer. Aditya started his internship on February 1, 2021 and completed on July 10, 2021.

Aditya participated in the development of our outstanding B2B eCommerce platform in Angular and Java in which he completed all his tasks flawlessly.

During the internship, Aditya has demonstrated a great skill with a self-motivated attitude to learn new things. We wish him all the best for all his future endeavors.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mike Patel", is written over the word "Sincerely,".

Mike Patel

VP, Sales and Marketing





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



IDCLE TECH LLP

G-481, Rd Number 9A,
Vishwakarma Industrial Area,
Murlipura, Jaipur,
Rajasthan 302013

Date- 12th July'2021

Subject- Internship completion letter

This is to certify that Ms. Ashwini Deshmukh is engaged as Web developer Intern from 1st February 2021 to 31st July 2021 with IDCLE Tech LLP and her performance is great so far.

We found her to be sincere and diligent

We wish her success in all her future endeavors.


Sincerely,

Prateek Kedia,

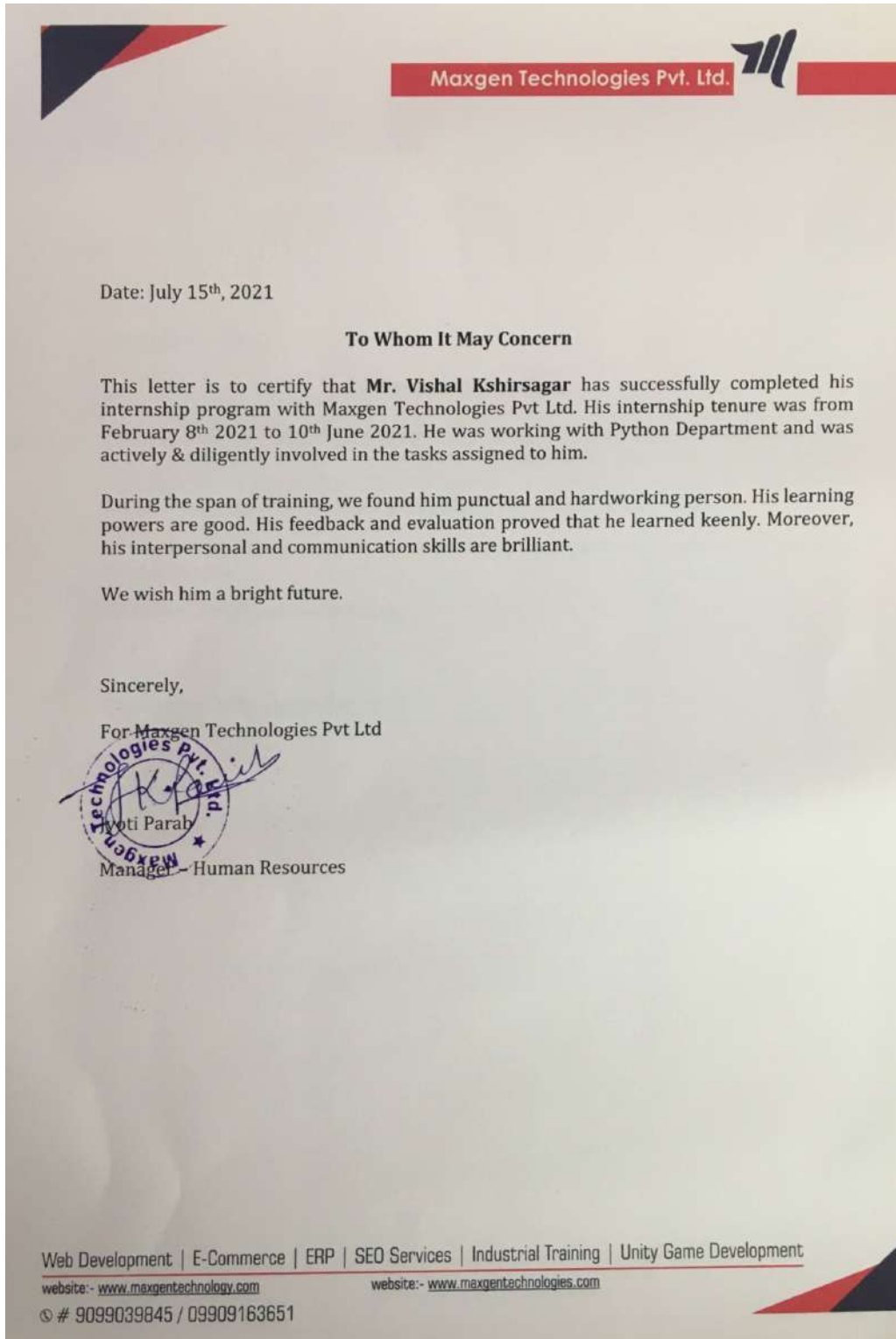
Managing partner

IDCLE



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Date: 12 July 2021

Ms. Susmita Somnath Patre
S/o Mr. Somnath Baburao Patre
26, Phase 3, Guruprasad Nagar,
Besides Guru Lawns,
Balapur Shivar,
Aurangabad - 431007
Mob no-9764168422
susmitapatre@gmail.com

Subject: **Internship Certificate**

Dear Ms. Susmita Somnath Patre,

This is to certify that Ms. Susmita Patre, Student of Vivekanand Education Society's Institute of Technology, Mumbai has completed her Internship with **Maestrotek Innovations Pvt. Ltd** based in **Pune**.

Her Project includes a study of (Document Management system) Website development in Angular11, Spring boot and MySQL.

Project Duration- 21/1/2021 to 21/7/2021

We wish her All the Best for Future!

For Maestrotek Innovations Pvt. Ltd,



Authorized Signatory



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Dark Horse Digital

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Pawan Dilip Shadija from Vivekanand Education Society's Institute of Technology, Mumbai has successfully completed his internship from January-18-2021 to July-16-2021.

We found him sincere, hardworking and technically sound and result oriented.

For Dark Horse Digital Solutions Private Limited,

G R Sharada
Human Resources



July-16-2021

Dark Horse Digital Solutions Private Limited.

2-64/2/A, 4th Floor, Megha Hills, Madhapur, Hyderabad-500081
T: +91 40 4713 7100, 4713 7101, 4713 7111 W: www.darkhersedigital.co.in



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Dark Horse Digital

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Richa Ramesh Manchanda from Vivekanand Education Society's Institute of Technology, Mumbai has successfully completed her internship from January-18-2021 to July-16-2021.

We found her sincere, hardworking and technically sound and result oriented.

For Dark Horse Digital Solutions Private Limited,

G R Sharada
Human Resources



July-16-2021



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)




Dark Horse Digital

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Jaspreet Kaur from Vivekanand Education Society's Institute of Technology, Mumbai has successfully completed her internship from January-18-2021 to July-16-2021.

We found her sincere, hardworking and technically sound and result oriented.

For Dark Horse Digital Solutions Private Limited,


G R Sharada
Human Resources



July-16-2021

Dark Horse Digital Solutions Private Limited.
2-64/2/A, 4th Floor, Megha Hills, Madhapur, Hyderabad - 500081
T: +91 40 4713 7100, 4713 7101, 4713 7111 W: www.darkhorsedigital.co.in



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

avishkaar
Make! We Can

An initiative of Building Blocks Learning Solutions Pvt. Ltd.

CIN No. U74900DL2010PTC206019

+91-8506931515

support@avishkaar.cc

www.avishkaar.cc

Corporate Office / Mailing Address

69 / 6A, 1st Floor, Rama Road, Behind CP 65
Banquet Hall, New Delhi -110015

Registered Office

F46/A, Moti Nagar, New Delhi-110015

10.07.2021

Reference No. AB/DC/2021-22/COV167

Darshan Khot
Intern
Product Development Department

Experience Certification

We certify that you worked with Avishkaar from 11th March, 2021 to 10th July, 2021 as an Intern in the Product Development Department.

We appreciate your contribution to the company.

Yours truly,

Tarun Bhalla
Founder & CEO
Building Blocks Learning Solutions Pvt Ltd



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



June 30th, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Shruti Vakkat** worked with us as an Intern in our **D&T** function on contract basis from **21st January 2021 till 30th June 2021**.

For **General Mills India Pvt. Ltd.**

Nupur Bedi
Director - Human Resources

GENERAL MILLS INDIA PRIVATE LIMITED

Regd. Office: 902, Ventura, Hiranandani Business Park, Powai, Mumbai - 400 076, Maharashtra, India

Tel: +91-22-40430430 Fax: 91 22 25708948 / 49 Email: cs.india@genmills.com

CIN U15510MH1995PTCO9474



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



June 30th, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Tanwi Jakhadi** worked with us as an Intern in our **D&T** function on contract basis from **21st January 2021 till 30th June 2021**.

For **General Mills India Pvt. Ltd.**

Nupur Bedi
Director - Human Resources

GENERAL MILLS INDIA PRIVATE LIMITED
Regd. Office: 902, Ventura, Hiranandani Business Park, Powai, Mumbai - 400 076, Maharashtra, India
Tel: +91-22-40430430 Fax: 91 22 25708948 / 49 Email: cs.india@genmills.com
CIN U15510MH1995PTCO9474



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



June 30th, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Pranali Gupte** worked with us as an Intern in our **D&T** function on contract basis from **21st January 2021 till 30th June 2021**.

For **General Mills India Pvt. Ltd.**

Nupur Bedi
Director - Human Resources

GENERAL MILLS INDIA PRIVATE LIMITED
Regd. Office: 902, Ventura, Hiranandani Business Park, Powai, Mumbai - 400 076, Maharashtra, India
Tel: +91-22-40430430 Fax: 91 22 25708948 / 49 Email: cs.india@genmills.com
CIN U15510MH1995PTCO9474



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



July 1, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Rohan Kumbhare has successfully completed his internship in the Business Analytics Unit from 1st February 2021 till 30th June 2021.

During the above period, he was engaged in Analytical dashboard development using Power BI, which he has successfully completed. We found him to be sincere and diligent.

We wish him success in all his future career.

Thank you

For Syum Technology Pvt Ltd

Nihal Panda





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



July 1, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Josy Brijit Jose has successfully completed her internship in the Business Analytics Unit from 1st February 2021 till 30th June 2021.

During the above period, she was engaged in Analytical dashboard development using Tableau, which she has successfully completed. We found her to be sincere and diligent.

We wish her success in all her future career.

Thank you

For Syum Technology Pvt Ltd

Nihal Panda





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

MindScript

A-16, Nav Santosh Apartment, B-Cabin Road, Naupada, Thane(W).
Phone:- 022 2533 4488 Mobile:- +91 9222999008



Letter for Internship

From 02-02-2021 to 06-07-2021

To whomsoever it may concern

This is to certify that **Mr. Saurabh More** has successfully completed 5 months internship training program at MindScript.

In appreciation for your successful work as intern at MindScript on Mobile development.

His major responsibilities included working in app (maintain & updating the Mobile App & helping in Build app for technical instrument).

His exposure in this area are good, during his tenure with us, he ably handled major responsibilities & we found him to be hard working, very productive.

We have found him to be self-starter who is motivated, duty bond & highly committed team member with strong conceptual knowledge.

We wish him all success in him future endeavors & look forward to working with him again in future.

Warm regards



Nikhil Pawar
HR, MindScript,
THANE



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CRISIL
An S&P Global Company

July 02, 2021

Soumya Soochik
1012033

Project Completion Certificate

Soumya Soochik, a student of VESIT, Chembur has satisfactorily completed the internship project with us from January 04, 2021 to July 02, 2021.

Her project was with the Corporate Technology-Development Department in Mumbai Crisil House, CRISIL Limited.

Project Name: Combined Product Portal

Her project guide was Dhiren Panchal, Manager, Corporate Technology-Development.

We wish her all the best in her future assignments.

Yours faithfully,
For CRISIL Limited

Anand Sivashankar

Director – Human Resources

CRISIL Limited

Corporate Identity Number: L67120MH1987PLC042363

Registered Office: CRISIL House, Central Avenue, Hiranandani Business Park, Powai, Mumbai - 400 076. Phone: +91 22 3342 3000 | Fax: +91 22 3342 3001
www.crisil.com



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



July 01, 2021

Brijesh Subhash Vishwakarma
1012017

Project Completion Certificate

Brijesh Subhash Vishwakarma, A student of Vivekanand Education Society's Institute of Technology has satisfactorily completed the internship project with us from January 04, 2021 to July 02, 2021.

His project was with the PSPL - Reg - AMC/Support Department in Mumbai BIRS (Marol Andheri), Pragmatix Services Pvt Ltd.

Project Name: BIRS Support

His project guide was Shaily Arora, Lead Engineer, PSPL - Reg - AMC/Support

We wish him all the best in his future assignments.

Yours faithfully,
Pragmatix Services Pvt Ltd

Anand Sivashankar
Director – Human Resources

CRISIL Limited

Corporate Identity Number: L67120MH1967PLC042363

Registered Office: CRISIL House, Central Avenue, Hiranandani Business Park, Powai, Mumbai - 400 076. Phone: +91 22 3342 3000 | Fax: +91 22 3342 3001
www.crisil.com



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



July 02, 2021

Sneha Hirnaik
1012021

Project Completion Certificate

Sneha Hirnaik, a student of Vivekanand Education Society's Institute of Technology has satisfactorily completed the internship project with us from January 04, 2021 to July 02, 2021.

Her project was with the BIRS - Pragmatix Department in BIRS (Marol Andheri), Pragmatix Services Pvt Ltd.

Project Name: Kotak - Projected RaRoC Automation

Her project guide was Robin Rasiklal Modi, Manager - BIRS - Pragmatix.

We wish her all the best in her future assignments.

Yours faithfully,
For CRISIL Limited

Anand Sivashankar

Director – Human Resources

CRISIL Limited

Corporate Identity Number: L67120MH1987PLC042363

Registered Office: CRISIL House, Central Avenue, Hiranandani Business Park, Powai, Mumbai - 400 076. Phone: +91 22 3342 3000 | Fax: +91 22 3342 3001
www.crisil.com



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CRISIL
An S&P Global Company

July 01, 2021

Priyal Danani
1012019

Project Completion Certificate

Priyal Danani, A student of Vivekanand Education Society's Institute of Technology has satisfactorily completed the internship project with us from January 04, 2021 to July 02, 2021.

Her project was with the Corporate Technology-Development Department in Mumbai Crisil House, CRISIL Limited

Project Name: Fulkrum

Her project guide was Ravikant Radheyshyam Shukla, Associate Director, Corporate Technology-Development

We wish her all the best in her future assignments.

Yours faithfully,
CRISIL Limited

Anand Sivashankar
Director – Human Resources

CRISIL Limited

Corporate Identity Number: L67120MH1987PLC042383



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Infrastructure
Advisory

CRISIL
An S&P Global Company

July 2, 2021

Chetankumar Vijaykumar Gupta
1012016

Project Completion Certificate

Chetankumar Vijaykumar Gupta, a student of Vivekanand Education Society Institute of Technology has satisfactorily completed the internship project with us from January 04, 2021 to July 02, 2021.

His project was with the CRS - Reg – ADF Department in Mumbai BIRS (Marol Andheri), CRISIL Risk and Infrastructure Solutions Limited.

Project Name: Automated Data Flow (ADF)

His project guide was Vaishali Meher, Team Lead, CRS - Reg – ADF.

We wish him all the best in his future assignments.

Yours faithfully,
For CRISIL Risk & Infrastructure Solutions Limited

Anand Sivashankar

Director – Human Resources

CRISIL Risk & Infrastructure Solutions Limited
(A subsidiary of CRISIL Limited)
Corporate Identity Number : U72100MH2000PLC128108

Registered Office: CRISIL House, Central Avenue, Hiranandani Business Park, Powai, Mumbai - 400076. Phone: +91 22 3342 3000 | Fax: +91 22 3342 3001
www.crisil.com



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



SAHU TECHNOLOGIES

Redefining Technologies

+ 91 8080001300

sahutechnologies@gmail.com

Enterprise Solutions • Software Development • Managed IT Services

Office: R/1, L-5, Milind Nagar, Landmark Kohinoor City, Kurla (W), Mumbai-400070.

Tel. - 8080001300 E-mail - sahutechnologies@gmail.com • Web - www.sahutechnologies.com

SUBJECT : INTERNSHIP COMPLETION LETTER

Dear Shivam,

We are glad to inform you that Shivam Kumari from Vivekanand Education Society Institute Of Technology has successfully completed her internship at web development from 2nd March 2021 to 30th June 2021.

During her internship she was exposed to various activities in web development. We found her very inquisitive and hardworking. She was very much interested to learn the functions of our core division and also willing to put her best efforts and get into the depth of the subject to understand it better.

Her association with us was very fruitful and we wish her all the best for her future endeavors.

Thank you.

Regards,

Jitendra Sahu
Founder and CEO
Sahu Technologies.



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



30th June 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Kaushik Janmanchi has completed Internship with Intellect Design Arena Limited, Chennai as part of the curriculum required with Vivekanand Education Society's Institute of Technology, Mumbai.

Details of the project are as below:

Project Title : Technology Upgrade for a client in Lending

Project Period : February to June 2021

Project Status : Completed

For Intellect Design Arena Limited

Jay Ganesh Kallari

Senior Project Manager

Rajeswari Uthirapathy

Manager – Human Resources

Intellect Design Arena Limited

Registered Office: 244 Anna Salai, Chennai - 600 006, India | Ph: +91-44-3987 4000, 3984 3400 | Fax: +91-44-2852 3280
Corporate Headquarters: SIPCOT IT Park Siruseri, Chennai - 600 130, India | Ph: +91-44-3341 8000
www.intellectdesign.com

Sydney • Tokyo • Hong Kong • Singapore • Mumbai • Dubai • London • New York • Toronto

CIN No. L72900TN2011PLC090163



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

ServiceOnePavilion

TO WHOMSOEVER IT MAY CONCERN

Date: - 14th August 2020

This is to certify that *Divya Kukreja*, had successfully completed her internship with *ServiceOnePavilion* from *14th July 2020* to *14th August 2020*.

During the period, she had worked in *Web Development*. During the course of internship, *Divya Kukreja* had shown great amount of responsibility, sincerity and a genuine willingness to learn and zeal to take on new assignments & challenges.

We wish her all the very best for her future.

With regards,

Bhanu Mittal

Director

Contact No. +91-8310768003

Bhanu Mittal

www.ServiceOnePavilion.com



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Chamunda Tech-Net Services Private Limited

Registered Office: C/7, Sumita Dham, Veena Phase - 2, Mulund (West), Mumbai - 400 080.
Admin Office: 401, L Wing, TEX Center, Nr. Narayan Plaza, Chandivalli, Sakinaka, Andheri (E), Mumbai - 400 072.
Phone No: 28578271 / 72 / 73 • Email: sales@ctns.info • Web: www.ctns.info • CIN : U72200MH2011PTC216190

Date: 06/07/2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Gaurav Rajiv Sandu, MCA, student of Vivekanand Education Society's Institute Of Technology, has successfully completed his internship in Software Testing at Chamunda Tech-Net Services Pvt.Ltd, Mumbai, from February 21 - July 21.

He has worked on projects titled Cdesk Web Application, Abhilaya Web Application. These projects were aimed at providing helpdesk solution to the organization. As part of the project, he has successfully fulfilled the position of Software Testing.

During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance exceeded our expectations and he was able to complete the project on time.

We wish him all the best for his upcoming career.

For, Chamunda Tech-Net Services Pvt. Ltd

Authorized Signature





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Internship Completion Certificate

08-Jul-21

To Whom It May Concern

This is to certify that the student **Akash Anil Landge** of **VESIT, Mumbai** has satisfactorily completed his project "**Buddy App**" during the period **18-Jan-21** to **14-Jul-21** under our guidance.

Sincerely,

For Mobiculo Technologies Pvt. Ltd.



Mobicule Technologies Pvt. Ltd.

+91 22 4248 2000

info@mobiculo.com

A5, 5th flr, Gundecha Conclave, Kherani road, Saki Naka, Andheri(E), Mumbai 400072



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Internship Completion Certificate

08-Jul-21

To Whom It May Concern

This is to certify that the student **Prateek Gupta** of **VESIT, Mumbai** has satisfactorily completed his project "**Buddy App**" during the period **18-Jan-21** to **14-Jul-21** under our guidance.

Sincerely,

For Mobicule Technologies Pvt. Ltd.

Mobicule Technologies Pvt. Ltd.

+91 22 4248 2000

info@mobicule.com

A5, 5th flr, Gundecha Onclave, Kheroni road, Saki Naka, Andheri(E), Mumbai 400072



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Internship Completion Certificate

08-Jul-21

To Whom It May Concern

This is to certify that the student **Vikrant Dharap** of **VESIT, Mumbai** has satisfactorily completed his project "**Buddy App**" during the period **18-Jan-21** to **14-Jul-21** under our guidance.

Sincerely,

For Mobicule Technologies Pvt. Ltd.



Mobicule Technologies Pvt. Ltd.

+91 22 4248 2000

info@mobicule.com

A5, 5th flr, Gundecha Onclave, Kherani road, Saki Naka, Andheri(E), Mumbai 400072



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Internship Completion Certificate

08-Jul-21

To Whom It May Concern

This is to certify that the student **Aishwarya Admuthe** of **VESIT, Mumbai** has satisfactorily completed her project "**Buddy App**" during the period **18-Jan-21** to **14-Jul-21** under our guidance.

Sincerely,

For Mobicule Technologies Pvt. Ltd.

Mobicule Technologies Pvt. Ltd.

+91 22 4248 2000

info@mobicule.com

A5, 5th flr, Gundecha Onclave, Kherani road, Saki Naka, Andheri(E), Mumbai 400072



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Internship Completion Certificate

08-Jul-21

To Whom It May Concern

This is to certify that the student **Manasi Ajit Patil** of **VESIT, Mumbai** has satisfactorily completed her project "**Buddy App**" during the period **18-Jan-21** to **14-Jul-21** under our guidance.

Sincerely,

For Mobicule Technologies Pvt. Ltd.

Mobicule Technologies Pvt. Ltd.

+91 22 4248 2000

info@mobicule.com

A5, 5th flr, Gundecha Onclave, Kherani road, Saki Naka, Andheri(E), Mumbai 400072.



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



July 16, 2021

TO WHOMSOEVER IT MAY CONCERN

SERVICE CERTIFICATE

This is to certify that **Mr. Chanchal Patil** was appointed with our organization as Project Intern-IT for the duration **April 05, 2021 to July 05, 2021**.

This letter is being issued to confirm the duration of association with CMS.

For **CMS Info Systems Limited**

Authorized Signatory



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CODEMINES SOLUTIONS DRIVING INNOVATION WITH PASSION

CERTIFICATE OF INTERNSHIP

To Whomsoever it may concern

This is to certify that **Mr. Kakshik Pravinkumar Patil** from Vivekanand Education Society's Institute of technology; Mumbai has successfully completed his 6 months internship with Codemines Solutions Pvt Ltd dated 1st February 2021 to 31st July 2021.

During this internship he has worked on many tasks and resolving client issues and demonstrated good skills along with self-motivated attitude to learn new things.

We wish him all the best for his future endeavours.

Further I certify that information provided is true, completed and correct to the best of my knowledge.

For M/s. Codemines Solutions Private Limited,

Mr. Bhavesh H. Hingad
(Director)

Add: 316 Centrum, Near Satkar Hotel, Wagle Estate, Thane 400604





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



June 30th, 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Jinang Vora** worked with us as an Intern in our **D&T** function on contract basis from **21st January 2021 till 30th June 2021**.

For **General Mills India Pvt. Ltd.**

Nupur Bedi
Director - Human Resources

GENERAL MILLS INDIA PRIVATE LIMITED
Regd. Office: 902, Ventura, Hiranandani Business Park, Powai, Mumbai - 400 076, Maharashtra, India
Tel: +91-22-40430430 Fax: 91 22 25708948 / 49 Email: cs.india@genmills.com
CIN U15510MH1995PTCO9474



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Haldwani, Nainital, Uttarakhand 263139

www.superosoftware.com | support@superosoftware.com



07th July, 2021

Certificate ID: UK-20210330NB

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Nikhil Tanaji Bhoite** has completed his internship in **Web Development** at Supero Software Pvt. Ltd, Haldwani, Nainital, from 01st April 2021 to 30th June 2021. He had worked on a project "**HashCodec**", aims to provide technical education free of cost to its users. As part of the project, He developed various modules in the project and worked as a Frontend Web Developer (VueJS) in the project. During the internship he demonstrated good skills with a self-motivated attitude to learn new things. His performance exceeded expectations and was able to complete the project modules, that given to him successfully on time.

We wish him all the best for his future endeavors.

Yours Sincerely,

Dipesh Joshi

CTO

Supero Software Pvt. Ltd.



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



307, Shreenath enclave
Shree Hari kute marg
Near Sandeep Hotel
Mumbai naka, Nashik - 422001

INTERNSHIP LETTER

This is to certify that **Mr. Soham Morankar** student from Vivekanand Education Society's Institute of Technology, Mumbai has done his internship in **Quality Assurance** at D3 Systems, Nashik. He has worked on his internship between 22nd March 2021 to 12th July 2021.

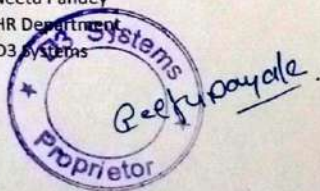
During his internship, he was en-titled to the project "Accounting integration" for our client Commusoft. The scope of "Accounting integration" was to push the client's financial data into accounting packages like Xero, Sage, Quickbook, Freeagent etc. As a part of the project, his job was to verify accuracy of the data sent to accounting packages compared to what it is in the Commusoft system.

During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance exceeded our expectations and he was able to complete the project on time.

We wish him all the best for his upcoming career

Best Regards,

Neetu Pandey
HR Department
D3 Systems





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Trampoline Tech Pvt. Ltd.

D-504, Kailas Esplanade, LBS Marg, Ghatkopar W, Mumbai 400 086. Phone: 022 25002026

Certificate of Internship

This is to certify that Mamta Gupta, student of Vivekanand Education Society's Institute Of Technology, studying in Semester VI, Seat No. 26 has worked under the guidance and mentorship of Miss. Kanchan Talpekar & Miss. Sucheta Joshi as a part of MCA project of University Of Mumbai for the Academic year 2020-2021.

During her internship she has worked on different tasks related to development like new feature development, customizing existing features, unit testing & bug fixing successfully. We value her contribution to our product.

Further, I certify that the information provided about this project is true, complete, and correct to the best of my knowledge.

January 18, 2021 to July 18, 2021



*Sucheta Joshi
Head of QA*



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



CODE SEPTEM TECHNOLOGIES LLP

To whomsoever it may concern

This is to certify that Suraj Subhash Singh has completed internship with Code Septem Technologies LLP, Mumbai as part of the curriculum required with Vivekanand Education Society's Institute of technology, Mumbai.

Details of the projects are as below:

Project Title : Asia Pacific Biotech E-commerce Platform

Project Period : March to July 2021

Project Technology : Asp.Net (Mvc)

Project Status : Testing Phase

For Code Septem Technologies LLP

Mr. Pradeep Jethwa
Co-founder
Signature:





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



8th June, 2021

To whomsoever it may concern

This is to certify that Mr. Vishal Bhandari from Vivekanand Education Society's Institute of Technology has completed the internship with Grablor Technologies Pvt. Ltd. from 2nd January, 2021 to 4th June, 2021. During the period of his internship program with us he had been exposed to different processes and was found punctual, hardworking, result oriented and inquisitive. We take this opportunity to thank him and wish him all the best for his future.

Pratik Patil,
Engineering Manager
Grablor Technologies Pvt. Ltd.



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



CERTIFICATE

This is to certify that Mr. Sanket Kadam, a student of Vivekanand Education Society's Institute Of Technology, has worked under the guidance and mentorship of Mr. Rahul Vishwakarma on the project titled "Wired for NPSP using eWAY" as part of final year MCA project of University Of Mumbai for the Academic year 2020 – 2021.

Further, I certify that the information provided about this project is true, complete and correct to the best of my knowledge.

We have monitored his progress and ensured that he obtained sufficient advice and assistance during the project. He has worked on the project from February 2021 to July 2021.

We wish him every success in life.

Place: Mahape

Date: 13 July 2021

Mr. Rahul Vishwakarma



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



Date: 15 July , 2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. DEVESH RAMESH PATIL, has successfully completed his internship from 04 January, 2021 to 06 July 2021. He has been designated as Service Desk Intern and was deployed at HPI RELIANCE PROJECT.

During his internship he has demonstrated his skills with self-motivation to learn new skills. His performance exceeded our expectations and he was able to complete the project on time.

We wish him all the best for his upcoming career.

Quess IT staffing (A Division of Quess Corp Ltd)

Preeti Jhangiani
Asst. Vice President



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

B 2-Sample Field Project Completion Certificates



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

“Expense Manager”

Submitted in partial fulfillment of the requirements of

the degree of

Master in Computer Applications

by

Siddhi Bhabal (08)

Prathamesh Indulkar (22)

Akshay Vedak (62)

Supervisor (s):

Ruchi Rautela



**Vivekanand Education Society's Institute of Technology
Master of Computer Applications**

Mumbai University

2020-2021





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CERTIFICATE

This is to certify that the project entitled “Expense Manager” is a bonafide work of “Siddhi Bhabal, Prathamesh Indulkar, Akshay Vedak” (Roll No. 8, 22, 62) submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of “Postgraduate” in “Master of Computer Applications”.

Ruchi Rautela
(Name and sign)
Supervisor/Guide

Indira Bhattachar
(Name and sign)
Co-Supervisor/Guide

(Name and sign)
Head of Department

(Name and sign)
Principal





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

**A Project Report
On
"DIABETIC_CLASSIFICATION&ANALYSIS"**

**Developed For
"Maxgen Technologies Pvt Ltd."**

***Submitted By*
Mr. Prathamesh Varadkar.**



In the fulfilment for the award of the degree of
**MASTER OF COMPUTER APPLICATIONS
OF
UNIVERSITY OF MUMBAI**

**VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY, CHEMBUR 74**

Under the guidance of Prof. Monali Rajput ,

Academic Year: 2020-2021





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CERTIFICATE OF APPROVAL

This is to certify that project for “DIABETIC CLASSIFICATION” developed for “Maxgen Technologies Pvt. Ltd.” is a bonafide work of “Mr. Prathamesh Varadkar” in partial fulfilment of Semester VI (Choice based) for the award of the degree of “Postgraduate” in “Master of Computer Applications (MCA)” of the University of Mumbai, Maharashtra during the year 2020–2021.

Jayalokya

PRINCIPAL



Dr. Shikhar Chaf

HEAD OF DEPT.

Monali Rajput
(Monali Rajput)

PROJECT GUIDE/INTERNAL

Vaishali Gatty
(Vaishali Gatty)

EXTERNAL EXAMINER



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

B 3-Sample Mini Project Completion Certificates



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

A Project Report on

Exam Application

Submitted in partial fulfillment of the

Requirements for the award of the Degree of

SECOND YEAR IN (MASTER IN COMPUTER APPLICATION)

Kajal waghmode

Sadhana Nagar

Roll No. 57

Roll No. 26

SYMCA2B

SYMCA2B

Under the In-charge of

Prof. Mrs. Vaishali Gatty





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

Certificate

This is to certify that the project entitled, "Exam Application", is bonafied work of **Kajal waghmode & Sadhana Nagar** and bearing Roll No: 57 & 26 respectively submitted in partial fulfillment of the requirements for the award of degree of Second Year in (Master in Computer Application) from University of Mumbai.

Principal



Head of Department





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

MINI PROJECT

CERTIFICATE

This Mini Project duly signed in this Documentation represents the Bonafede work by:

Name: Prerna Gupta

Roll No: 18

Name: Shruti Naik

Roll No: 40

For SEMESTER - I of First Year of the Master in Computer Application (MCA) [Morning Shift] in the Computer Laboratory of this College during the academic year 2020-2021.


Lecturer In-Charge


Head Department of MCA

Lab In-Charge


External Examiner





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

PROJECT REPORT

ON

SayMeow Chat Application

Submitted by –

Name: Prerna Gupta

Roll No: 18

Name: Shruti Naik

Roll No: 40





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

C 1-Sample Communications & Reports -Internships



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

The Evolution of Embedded Analytics through Business Intelligence

Josy Brijit Jose¹, Prof. Ruchi Rautela²

¹Student, Department of MCA, Vivekanand Education Society's Institute of Technology, Mumbai University, Mumbai

²Assistant Professor, Department of MCA Vivekanand Education Society's Institute of Technology, Mumbai University, Mumbai

ABSTRACT

In 2008, Acc. To 'Kurl Schlegel', A Gartner Analyst, Traditional Business Intelligence lacks integration and accessibility between data. The Term Embedded Analytics was first used by 'Howard Dresner'- Inventor of the term Business Intelligence. Dresner once stated "Consolidation of Business Intelligence doesn't mean business intelligence market has reached maturity". The rise of Embedded analytics with data analytics opens a huge world to build, innovate, develop existing or new systems more effectively and efficiently. To be in the competition of this digital world business leaders should know and understand the changing shells of analytics. This paper will take you through how embedded analytics is used in a highly competitive world to understand customer and their needs. Cover some benefits of embedded analytics and how successfully it is implemented in the industry. This article also takes through the successful implementation, potential benefits, changing benefits and guides for some great scope for embedded analytics in the industry. The present users of embedded analytics mainly belong to the larger corporation but there are more industries and enterprises where embedded analytics could help decision makers. The enterprises are rising from constant reports to real time reports so that every single second data updated reports and dashboards are visible.

Keywords: Business Intelligence, Dashboard, Embedded Analytics, Traditional Business Analytics.

INTRODUCTION

In 2006 TDWI published "Embedded Analytics: closing loop between operational and analytics application". Embedded Analytics is the integration of analytic content and capabilities within business process application. The main task or goal of Embedded Analytics is to help the customers work smarter with incorporating necessary data and analytics in order to solve high value problems and do the work more efficiently as these capabilities are available in the application which are being used every day. Success via embedded analytics will require a very good understanding, focus and creative thinking on the user experience. Taking the correct analytics solution should include detailed evaluation of the technology, know the expertise given by the customer, client or user and start the process.

Business Intelligence:

Business Intelligence consists of various strategies and techniques that are used by different companies or enterprises for analyzing data of their business information. Data is collected from various sources like internal IT system, external sources by the organizations as a part of the BI process. Enterprises use business intelligence tools to support various business decisions like product positioning or pricing. Dashboard creation, reporting, data mining, process mining, text mining are common functions of BI technology. According to Solomon Negash and Paul Gray BI should be described as a system that combines data Gathering, Data Storage, knowledge management. Large amounts of structured and unstructured data that helps to identify and develop new strategies for the development of business or growth of the company can be done using BI technology as these technologies aim at easy understanding of big data to ensure a long-term stability in the highly competitive market environment.

Evolution Of Business Intelligence:

You could be owning a small-scale business or a well-established large-scale business online or offline trying to figure out on which products to put a discount or which product has the highest sales or sales profit ratio. BI technology is the solution to this problem, no matter if you own a small online clothing store or a large firm. An entrepreneur going through BI Tools and techniques will have a question in mind - traditional of self-service BI?



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

Traditional Business Intelligence:

Traditional Business Intelligence needs a complex IT environment, Data Warehousing space and constant involvement of IT employees.

Rise of Traditional BI

In the year 1970 and 1990 IBM and Siebel Systems developed the first comprehensive BI which was later in the year 2006 was acquired by Oracle. Data Warehouses, which served as a central repository for integrated data, was the initial version.

Traditional BI is mainly IT driven hence majorly restricted to IT personnel and data specialists. Before starting to work with the data the data needs to be structured properly. It focused on only answering questions like what's going on as of now, what happened in the past. Details of future predictions were not available.



Figure 1: Traditional BI

Self Service Business Intelligence:

Self-service BI does not require statistical, analytical or data handling experts in order to implement data analytics. This technology depends on BI tools which does not require to depend on developers or any IT experts and allows the business enthusiasts to filter, sort, analyze and visualize data.

Rise of Self-Service Business Intelligence

In 2010 tableau and Qlik were market changers and challengers. Thus, giving a new definition and meaning to BI and what to expect from BI. Machine learning and artificial intelligence started entering into data preparation, data modelling. Instead of developing a query now the users have techniques like NLP (Natural Language Program) where the user can search their question.

Unlike Traditional BI predictive and prescriptive analytics reports can be generated apart from historical reports, so that users can take a future Think.



Figure 2: Self Service BI

Embedded Analytics:

Data Analytics is the study of raw data to understand what it contains and has a variety of techniques for analyzing raw data and answering different questions to find the trend.



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

Embedded analytics combines your data into exterior facing applications to provide analytics solution, dashboards and reporting to people outdoor your company like customers, partners or suppliers. When everyone is using data and analytics to make better decisions your data can help people get most value from your business and you want to give an amazing analytics experience that's as amazing as your product. You could build your own analytics solution but that takes time and resources away from your business or you could partner with industry leader that's hundred percent focused on modern analytics with a product people know and love to use so you can focus your expertise on your core business and customers.

Analytic Capabilities:

In almost all platforms there are certain things that are kept standard, no matter how good the platform is. You must know the below listed basic features in embedded analytics before buying analytics.

Data Preparation

Data preparation provides the things you need to connect and extract data. In EA this is used by the software provider so that they can give their client most clean and accurate data for visualization

Dash boarding

Dash boarding is used to understand the data reports and helps to drive actions. It combines multiple reports for the same topic. EA provides the user to build dashboards themselves and customize the dashboards to the brand match. Dashboards contain graphs and charts hence, are the best way to visualize and analyze the data.

Data Discovery

Customers must go through their data to have a good understanding and know their business so that they can discover patterns and share their insights. EA provides the clients to understand and gives good knowledge of the data through a powerful visualization.

Interactive reports

The final report must be understandable, easy and interactive. EA users if they want can build their own dashboards and if they don't want to drill down into a detailed understanding they can interact with the data as table charts and compare data points.

Mobile reporting

Dashboards that a customer has to visualize i.e. see the performance, production time, downtime from anywhere in the tablet would be a great opportunity. Addition to that, receiving notifications on mobile can generate a huge difference in the success and failure rate of a business.

Collaboration

A good collaboration between the data insights and report development in EA solves an enormous amount of time. Instead of copy and pasting in the emails if a customer can have live collaboration with the data, they can interact and take actions immediately and will remain in the platform for long periods of time.

Benefits of Embedded Analytics:

EA attracts more customers by increasing the value of your analytics solution. There are many benefits in using modern embedded analytics but the main 4 basic benefits are:

Increase productivity

Embedded analytics removes the need for users to navigate from one application to another to understand the data in detail. There is no need to go hunting in search of data insights.

Increased competitive advantage

EA gives you a deeper understanding of your data, business, market and what the customer wants. Thus, helping the business enthusiast to have a future plan map.

Increase Revenue

When you gain the customer's trust, satisfaction, you help the customers to make better decisions and have future plans and also increase the word of mouth.

Real time Decision making

Behind every business decision that is taken for the enterprise irrespective of small scale or large scale there is good data visualization from various reports and dashboards. With the mobile reporting client can take immediate action or decisions.



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

Real World Successful Example:

Amazon:

Amazon has an amazing process to support their ecommerce user experience like fast shipping, low prices etc. They exist to sell books and are the standard for providing relevant analytics. Amazon also manages customer satisfaction and collects information through customer ratings, video reviews and keeps a track about the product search and gives suggestions.

Sales force:

In the salesforce model what comes to mind while thinking about it is EA in a business to business(B2B) context. In a salesforce model analytics can be found in various places like the home page, they usually have 2 tabs one for dashboards and other one for reports with these tabs the customer can collect information, create their reports, customize their page. EA can be used for UI but EA has more to it like integrated core workflows.

Future of Embedded Analytics:

The future generation of embedded BI offers companies and business enterprises new capabilities. Analytics has become a main component; customers nowadays need self-service analytics. Hence, within the organization the need of more non-technical users is in increasing demand. Majority of the clients require basic reports and dashboards with a good user experience. Most of them require good flexibility in visualization and analysis of their data so that they can update their own dashboards and report. In order to customize, format, design according to their requirements. Over time we will get to see more and more small and large-scale enterprises getting more sophisticated and having their own self service embedded analytics solution.



Figure 3: Gartner Maturity Model for BI

CONCLUSION

To conclude this paper, embedded analytics in the future will provide a great impact on the industries using BI tools by the way of visualizing and analyzing data. This paper mainly focuses on the past as well as the future for the growth of Embedded Analytics through Business Intelligence Technology. The data produced through BI is purely cleaned as the size of the data is going to be very big and BI tools reduce the chances of uncleaned data. Thus, helping to produce a good dashboard, good report. With these dashboards and reports the enterprises can have a future plan of actions that needs to be taken in order to have a stable position in the highly competitive and risk market.

ACKNOWLEDGMENT

The author is thankful to the department of MCA for providing all the necessary support and opportunity to conduct this research. The research would not have been possible without the guidance and expertise of prof. Ruchi Rautela (Asst. Prof. department of MCA, VESIT).

REFERENCES

- [1] <https://www.logianalytics.com/definitiveguidetoembedded/the-future-of-embedded-analytics/>.
- [2] Mohsen Attaran, Sharmin Attaran, 2018, "The Rise of embedded Analytics: Empowering Manufacturing and Service Industry with Big Data".
- [3] Dhatri Raval, Jaimin N Undavia, 2020, "Revolution through Embedded systems with Data Analytics".
- [4] Traditional BI, accessed on 4th July,
- [5] https://www.google.co.in/search?q=traditional+business+intelligence&hl=en-GB&rbm=isch&source=hp&biw=1707&bih=812&ei=ihLiYLLhMnKc4-EPgdi40Ac&oq=traditional+business+in&gs_lcp=CgNpbWcQAxgAMgIIADICCAyBAgAEBgyBAgAEBgyBAgA



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

- EBgyBAgAEBgyBAgAEBgyBAgAEBgyBAgAEBg6BQgAELEDOggIABCxAxCDAVDYCFjzXmCMb2gAcAB4AYAB1weIAc8tkgEOMC4xMi43LjEuMi4wLjGYAQCgAQGqAQmd3Mtd2l6LWltZw&scient=img#imgrc=fz3HH3mf7PAu7M
- [6] Self Service BI, accessed on 4th July,
[7] https://www.google.co.in/search?q=self+service+business+intelligence+process&tbm=isch&ved=2ahUKEwiOjZ7Y18rxAhVSXX0KHfgHB0cQ2-cCegQIABAA&oq=self+service+business+intelligence+process&gs_lcp=CgNpbWcQAzoECAAQHjoECAAAQGFcNOQVYjocGYLeJBmgAcAB4AIAIBxgnLAf8lkgEPMC4xLjInMS4wLjEuMS4ymAEAoAEBqgELZ3dzLXdpei1pbWfAAQE&scient=img&ei=rhDrYT7-EdK69QP4j5y4BA&bih=812&biw=1707&hl=en#imgrc=J8zY_T2DN6z0FM
- [8] Gartner Maturity Model, accessed on 5th July,
[9] https://www.google.co.in/search?q=gartner+maturity+model&hl=en&tbm=isch&source=hp&biw=1707&bih=812&ei=uBjkYkMfCPfsz7sPpOqYkAQ&oq=gartner+maturity+model&gs_lcp=CgNpbWcQAzoICAAQsQMgE6BQgAELEDOgILADoECAAQHjoGCAAQChAYULGoA1i_ngRgurwEaAFwAHgAgAG_AYgB6BSSAQqxLjlymAEAoAEBqgELZ3dzLXdpei1pbWewAQA&scient=img&ved=0ahUKEwip277Rh87xAhV39nMBHSQ1BkIQ4dUDCAc&uact=5#imgrc=OI1DJVrdtjqWTM
- [10] <https://www.qlik.com/us/-/media/files/resource-library/global-us/register/ebooks/eb-embedded-analytics-for-dummies-qlik-en.pdf>
- [11] <https://www.selecthub.com/category/business-intelligence/embedded-bi/>
- [12] <https://www.softwareadvice.com/resources/embedded-analytics-definition-and-examples/>
- [13] https://www.ventanaresearch.com/value_index/analytics/embedded_analytics_and_business_intelligence/market_report/2019



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



IJARESM

ISSN: 2455-6211, New Delhi, India

International Journal of All Research Education & Scientific Methods

An ISO & UGC Certified Peer-Reviewed Multi-disciplinary Journal

Certificate of Publication

Josy Brijit Jose

Student, Department of MCA, Vivekanand Education Society's Institute of
Technology, Mumbai University, Mumbai

TITLE OF PAPER

**The Evolution of Embedded Analytics through Business
Intelligence**

has been published in

IJARESM, Impact Factor: 7.429, Volume 9 Issue 7, July- 2021

Paper Id: IJARESM/July21

Date: 09-07-2021



Website: www.ijaresm.com
Email: editor.ijaresm@email.com



Authorized Signatory



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

C 2-Sample Communications & Reports-Field Project



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

A Project Report
On
"GLOBAL MARKETS - IT"

Developed For
BNP Paribas India Solutions Private Limited



Submitted by

Miss. Samiksha Sampat Dhavale.

In the fulfilment for the award of degree of
MASTER OF COMPUTER APPLICATIONS
OF
UNIVERSITY OF MUMBAI

VIVEKANAND EDUCATION SOCIETY'S
INSTITUTE OF TECHNOLOGY, CHEMBUR 74



Under the guidance of Prof. Ameya Parkar,
Academic Year: 2020-2021





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CERTIFICATE OF APPROVAL

This is to certify that project for **"GLOBAL MARKETS - IT"** developed for **"BNP Paribas India Solutions Private Limited"** is a bonafide work of

"Ms. Samiksha Sampat Dhavale" in partial fulfilment of **Semester VI (Choicebased)** for the award of the degree of

"Postgraduate" in **"Master of Computer Applications (MCA)"** of the University of Mumbai, Maharashtra during the year 2020– 2021.

PRINCIPAL



HEAD OF DEPT.

PROJECT GUIDE/INTERNAL

EXTERNAL EXAMINER





Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

Pattern Prediction using AI in BI Tools for Businesses

Rohan Kumbhare¹, Susmita Patre², Prof. Sangeeta Oswal³

^{1,2}Student, Department of MCA, Vivekananda Education Society's Institute of Technology, Mumbai University, Mumbai

³Assistant Professor, Department of MCA Vivekananda Education Society's Institute of Technology, Mumbai University, Mumbai

ABSTRACT

The aim of this paper is to shed light on how using simple BI (Business Intelligence Tools) we can predict the data from previous years data that will help the business in not taking a wrong decision and in the end which will led to closure of that business. Using these tools we get to know the years of data into one single dashboards and in a interactive as well as methodic way to represent data in-front of the user or businesses upper management. Using previous year data and data mining we can know how the data is recurring in patter and what other factors are helping it in recurring position.

Key Words: Business Intelligence(BI), Data Mining, (AI) Artificial Intelligence, Businesses.

INTRODUCTION

The world is creating 463 Exabytes of information ordinary and its expanding step by step and due to Coronavirus and WFH (telecommute) the huge piece of this segment is contributed by little, medium and Big business. As the information is being created on an enormous sum so to utilize that information we can utilize some information mining procedures like repeat and example coordinating to check whether with same conditions and factors the example will continue in the business or not which has been recurring in the intelligent diagrams and outlines with the long stretches of information that we have gathered and put away in data set.

Business Intelligence (Bi) Tools

Bi Tools or Business Intelligence devices are utilized for showing show information in types of various diagrams, graphs and distinctive KPI's (Key Performance Indicators) through which the client can look through the information to show how the past information which can be a month, quarter, year or decade. There are likewise extraordinary interactives to show the information as per the client's viewpoint as the client need to show on the diagram as per that near slicer and with individual to date that the client need to choose for that specific year or month.

The representation part is vital as the entrepreneur would not like to see the data set or the source dominate sheet in sections and lines and see a jumbled information which don't bodes well so utilizing proposals BI Tools we can make a useful dashboard with various catches and slicer so entrepreneur can connect with it get the information in various structures like diagrams, outlines ,KPI's and other distinctive lists which can be given from programming organization or outsider made graphs to show extra information.

Data Mining

Above all else what is data mining it's an interaction to track down the preoccupied information or find association in that information as the client can't track down the significant association between a huge number of lines and hundred of sections in the data set.

So before making connections in data first of all need to clean the data that it is relevant and represents the real world counterpart and then those will be the only one that can be used in for making connection to get different relationships.

Data Transformation is likewise one of the cycles like cleaning that should be done prior to making relationship or prior to taking care of before taking that information/data to an AI.

So after all the data cleaning and the modelling the we need to see where the connections are and how they are effecting. So using the recurrence pattern we can get to know from using the previous data how the it will recur once more and at what time of the year or month or any other time period.



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

Implementation

The entrepreneur or the business owner wants to know the year by year data of his/her company so first the dataset will needed to be provided to the developer and then using the BI Tool it will be created in the form of graph, chart or KPI's. It will be easy to understand in a glance for the entrepreneur of how the company and its products are performing.

Using the data which is shown in the dashboard the data mining process will be started to check whether there any connections in the data fields do they effect each other directly or indirectly after getting to know the relationships we can now see the data in pattern.

Like the business owner wants to know a particular product's sales and in in which season so now using the graphs and data mining we can tell him the particular products historical data along with all time high sales and what factors were affecting.

For Example:- A big shop owner wants the data how his laptop sales are going on he will give the data and then the data will cleaned, transformed and created into a dashboard.



In the Data mining process of recurrence we get to know using the graphs and chart that the laptop sales are much higher in end of July and start of august and this happens every year.

So now the business owner will get a raincheck on his laptop inventory so that he can meet the demands of the consumer. Using Data mining we also get to know that at that time mostly the college tenure starts so new students will need laptop for studies. Now we also get to know the factors affecting high sales.

Recurrence Pattern

The recurrence pattern is found using the Data mining as it see some relationship with previous data and its occurrence repeated after a specific time period in the in the data.

Finding recurrence patterns are very important in businesses because it help in identifying issues as well as give some degree of prediction that we can see through using the pattern. The recurrence pattern can also be identified using a cloud computing AI (Artificial Intelligence) which is connected as an external tool or is an proprietary tool from the same software developer.

Prediction Percentage

The patterns is now defined but if we want to see the prediction percentage that what are the chances of occurring that same graph pattern once more in near future.

The developer can connect their BI Tools with a cloud computing AI that will help the user in giving a percentage of the recurrence using the previous data. The AI can be any external software that needs to be connected manually by user or the BI software's proprietary



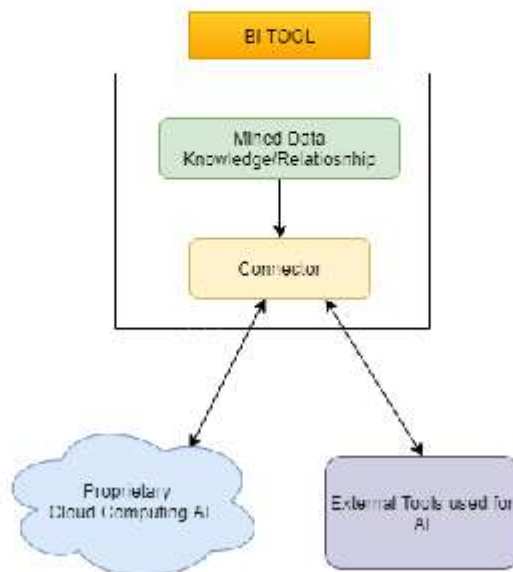
Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211
Volume 9, Issue 7 July -2021, Impact Factor: 7.429, Available online at: www.ijaresm.com

The user has to feed the data to the AI for the prediction the solution values will be predicted in percentage that will help the user to get the idea of what are the chances of the pattern occurring without getting into the more detailed part as the user only has to see the percentages to guess what steps should be taken by the owner for his business.



So as we can see in the diagram the after doing the data cleaning, transformation and mining process we get the relationship or the knowledge of the data. Then using a connector we connect to the AI for getting the predicted data in percentage and shown in our BI tool.

CONCLUSIONS

So using BI tools for representation, data mining for finding different hidden relationship as well as using it for cleaning, transformation and modeling the data or the relationship we get.

The relationship we get is the data which is recurring in the visual representation in the form of graph, chart or KPI's the business owner can use this data for taking next step in his business.

The data/relationship can also be further out predicted in the form of percentage as it will show what are the odds of this relationship recurring once more.

REFERENCES

- [1] Branka Vuleta, "How much data is created every day?," Seed Scientific, website.
Ritesh Singh, Nisha Verma, Manali Gupta, "Role of E-Commerce in Big Data", IAEME Publication.
- [2] Dr. Emad Ahmed, "Utilization of Business Intelligence Tools among Business Intelligence Users", International Educative Research Foundation and publisher.
- [3] Arnott D, Lizama F., Song Y, "Patterns of Business Systems Use In Organizations, Decisions"



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)



IJARESM

ISSN: 2455-6211, New Delhi, India

International Journal of All Research Education & Scientific Methods

An ISO & UGC Certified Peer-Reviewed Multi-disciplinary Journal

Certificate of Publication

Susmita Patre

Student, Department of MCA, Vivekananda Education Society's Institute of
Technology, Mumbai University, Mumbai

TITLE OF PAPER

Pattern Prediction using AI in BI Tools for Businesses

has been published in

IJARESM, Impact Factor: 7.429, Volume 9 Issue 7, July- 2021

Paper Id: IJARESM/July21

Date: 06-07-2021



Website: www.ijaresm.com
Email: editor.ijaresm@gmail.com



Authorized Signatory



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

C 3-Sample Reports-Mini Project



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CoviHealth Bridge

Submitted in partial fulfillment of the requirements

of the degree of

Masters in Computer Applications

by

Jagruti Lilhare (MCA1B29)

Tejaswini Mahajan (MCA1B31)

Muskan Otari (MCA1B36)

Supervisor (s):

Prof. Monali Rajput



Masters in Computer Applications

Mumbai University

2020-21



1 | Page



Vivekanand Education Society's Institute of Technology

(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

CERTIFICATE

This is to certify that the project entitled "CoviHealth Bridge" is a bonafide work of "Jagruti Lilhare (MCA1B29), Tejaswini Mahajan (MCA1B31), Muskan Otari (MCA1B36)" submitted to the University of Mumbai in partial fulfillment of the requirement for the award of the degree of "Postgraduate" in "Masters of Computer Applications"

M. Rajput
Monali Rajput
(Name and Sign)

Supervisor Guide

Dr. Vaishali Gethy
Vaishali Gethy
(Name and Sign)

Co-Supervisor/Guide

Dr. Shikhar Gopal
Dr. Shikhar Gopal
(Name and Sign)

Head of Department

Jayalal
Jayalal
(Name and Sign)

Principal

