

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC INTERNAL QUALITY ASSURANCE CELL INDRA GANESAN COLLEGE OF ENGINEERING

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Criteria2Teaching-Learning and Evaluation350

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KeyIndicator-2.3.Teaching-Learning Process (40)

COLLEGE OF ENGIN Madurai Main Road (NH-45B), Manikandam, Tin

Indra

2022-2023

PARTICIPATIVE LEARNING MASTER OF BUSINESS ADMINISTRATION

Activity	NumberofStudents Attended	Page No.
Value Added Course(VAC)	88	3
TOTAL STUDENTS ATTENDED	88	-



Criteria2

Teaching-Learning and Evaluation

350

KeyIndicator-2.3.Teaching-Learning Process (40)

2022-2023

MASTER OF BUSINESS ADMINISTRATION PARTICIPATIVE LEARNING VALUE ADDED COURSE









DepartmentofManagementStudies

AcademicYear2022-2023-OddSemester

02.11.2022

Ref:IGCE/MBA/2022-23/VAC/01

DEPARTMENTCIRCULAR

Department of Management Studies and IQAC, IGCE in association with Synergy School of Business Skills organizing Value Added Course for all First and Final year studentson"ExcelForBusinessAnalytics"from14.11.2022to18.11.2022.Certificateswill be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

InterestedstudentscanregistertheirnameswiththeVACCo-ordinatorMs.Minipriya N For this program on or before10th November 2022.

ResourcePerson:	Mr.KiranGowda
	ProductSpecialist-HumanResource
	Management.
	SynergySchoolofBusinessSkills Trichy.
Venue:	
venue.	MBASeminarHall

HOD/MBA Cc:

- PrincipalTable
- IQACCo-Ordinator
- HoD/MBA
- ClassIncharges–I,II-Year
- I,II-YearMBAStudents
- OfficeFile
- NoticeBoard

Dr. G. Bałakrishnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.

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ValueAddedCourseon"ExcelForBusinessAnalytics"SYL

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S.NO	TOPICCOVERED	DURATION (in hours)	DATE
1	ManageWorkbookOptionsandSettings	1	14/11/2022
2	ApplyCustomDataFormatsandLayouts	1	14/11/2022
3	CreateTables	1	
4	PerformOperationswithFormulasand Functions	3	15/11/2022 15/11/2022
5	CreateChartsandObjects	3	16/11/2022
6	ManageWorkbookOptionsandSettings	1	16/11/2022
7	ApplyCustomDataFormatsandLayouts	1	16/11/2022
8	CreateAdvancedFormulas	2	16/11/2022
9	CreateAdvancedFormulas-Practical	3	17/11/2022
10	CreateAdvanceur ormulas-Practical	3	17/11/2022
11	CreateAdvancedChartsandTables	3	18/11/2022
12	CreateAdvancedChartsandTables-Practical Exam	3	18/11/2022
1.44	Dadiii	1	18/11/2023
	TotalHours	30	-



39

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Vasanthapriya S

Indra Ganesan

COLLEGE OF ENGINEERING Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012 Approved by ALCTE, NewDelhi & Affiliated to Anna University, Chennai NAAC Accredited, 2(F) Status Institution by UGC



STUDENTSPARTICIPATIONLIST

VACPROGRAM-ExcelForBusinessanalytics Dr. G. Balakrishnan, M.E., Ph.D.,

Principal S.No. Indra Ganesan College of Engineering Reg.No Student'sName Year/Branch G Valley, Madurai Main Road 1 811221631002 AbithaA Manikandam, Trichy-620 012. II/MBA 2 811221631003 AlbertS II/MBA 3 811221631005 ArunAK II/MBA 4 811221631006 ArunN II/MBA 5 811221631007 BalaguruJ II/MBA 6 811221631008 DhineshA II/MBA 7 811221631009 DhivyaA II/MBA 8 811221631010 **EbinesarPaulA** II/MBA 9 811221631012 GanesanM II/MBA 10 811221631013 GayathriK II/MBA 11 811221631016 JeevithaR II/MBA 12 811221631017 KaviyaR II/MBA 13 811221631019 **Kishorekumar**M II/MBA 14 811221631020 LavanyaM II/MBA 15 811221631021 Loganathan P II/MBA 16 811221631024 MohanasundaramK II/MBA 17 811221631026 **MukeshKannanK II/MBA** 18 811221631027 NanthaKumarS **II/MBA** 19 811221631028 NirmalaM **II/MBA** 20 811221631029 PavithranP II/MBA 21 811221631030 PrasanthR II/MBA 22 811221631031 PrathiushaR II/MBA 23 811221631032 RajendarS II/MBA 24 811221631034 RamyaS II/MBA 25 811221631035 RubinBharathiB II/MBA 26 811221631036 Rubini P II/MBA 27 811221631037 SakthivelT II/MBA 28 811221631038 SandhiyaS II/MBA 29 811221631040 SangiliandavanN II/MBA 30 811221631042 SanthoshalanrajA II/MBA 31 811221631043 SaranL II/MBA 32 811221631044 SarathaC II/MBA 33 811221631046 SharmilaKV II/MBA 34 811221631047 SheelaraniN II/MBA 35 811221631048 SivaparamaleshwariB II/MBA 36 811221631051 SubashP II/MBA 37 811221631053 ThulasimaniM II/MBA 38 811221631054 VasanthG

II/MBA

II/MRA



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S.No.		Student'sName	Year/Branch
40	811221631056	VigneswariG	II/MBA
41	811221631057	VijayalakshmiM	II/MBA
42	811221631058	VijayaSasthiriraiK	II/MBA
43	811222631001	AbinayaG	I/MBA
44	811222631001	AnithaS	
45	811222631001	ArunkumarR	I/MBA
46	811222631001	AshwinJ	I/MBA
47	811222631001	BalamuruganA	I/MBA
48	811222631001	DevarajS	I/MBA
49	811222631001	DhivyaS	I/MBA
50	811222631001	DineshkumarJ	I/MBA
51	811222631001	GunaseelanM	I/MBA
52	811222631001	HelinaTrathyG	I/MBA
53	811222631001	KabilkalanK	I/MBA
54	811222631001	KalanithiGS	I/MBA
55	811222631001	KarthikaK	I/MBA
56	811222631001	MohamedAshikY	I/MBA
57	811222631001	MonikaS	I/MBA
58	811222631001	NarmathaP	I/MBA
59	811222631001	RanjithaS	I/MBA
60	811222631001		I/MBA
61	811222631001	SamSundarM SaraniV	I/MBA
62	811222631001		I/MBA
63	811222631001	SelveravivekS	I/MBA
	044000404-	SeraphinSheelaS	I/MBA
	011000 10 10	SivakumarP	I/MBA
	011222031001	VigneshP	I/MBA

VACCoordinator

Ħδ)/MBA



		Report or	<u>ı Valu</u>	e Added C	Course	
Title:	Excel Fo	r Business Analy				
Resource Person:	Proc	KiranGowda uctSpecialist-Huma ol of Business Skil	anResourc ls	eManagement.	Synergy	
	onduct from	: 14.11.2022	To:	18.11.2022	Duration:	30 Hours
Organized	d Departmer	nt : MANAGEM	ENT ST		Duration.	JU HUUR
Participan	t Year: 1&	2YearMBA			tudents Regist	ered · 102
Venue: N	MBA Semin	ar Hall			reactions regist	cieu. 105
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IG Valley, Madurai Main Road Manikandam, Trichy-620 012.



Indra Ganesan

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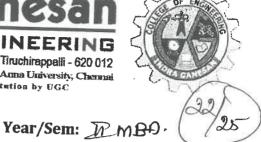


		Report	on Value	e Added Co	lirse	
Title:	ExcelFo	orBusinessAnalytics			uist	
Resourcel		Mr.KiranGowda ProductSpecialist School of Busine Trichy.	-HumanReso	urceManagement	. Synergy	
Dateofcon			To:	18.11.2022	Duration:	30 Hours
Organized	Departm	ent: MANAGE	EMENTSTU	DIES		
Participant	t Year:	1&2YearMBA		No.ofStu	dentsRegister	ed: 103
Venue:	MBASer	ninarHall				
Outcome	ofValue	AddedCourse(V	AC):Atthee	ndoftheCourse	Studonter	-11.4
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VACC	Coordina	tor	HoD	B2007P	100 Prin	
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NAAC Accredited, 2(F) Status Institution by UGC



Name of the Student : Javanya M. AU Register Number: 811 2 21631020

ValueAddedCourseon"ExcelForBusinessAnalytics" MCO **QUESTIONS (25X4 = 100 Marks)** 1. The intersection of a column and a row in MSExcel worksheet is known as. A. Row **B**Cell C. Column D. Tab 2. InMicrosoftExcelspreadsheets,rowsarelabelledas____ A. 1,2,3,.... (B) A,B,C,.... С. А1,В1,С1.... D. I,II,III,..... 3. Microsoft Excel uses the _____functiontocalculatetheresultsinthedata table. A. 'RESULT' B. 'CALTAB' CYTABLE' D. 'AUTOSUM' 4. _____functioninMSExcelworksheetrepresentsthetotalnumber(s)ofentriesin the cell(s). A. SUM B. AVG COUNT D. TOTAL _isNOTaFunctioninMicrosoftExcelspreadsheets. 5. A. HYPERLINK **B. COUNTIF** C. MIN Dr. G. Balakrishnan, M.E., Ph.D., D. AVG 6. InMSExcelspreadsheet,Datacanbesortedusing______ Principal Indra Ganesan College of Engineering A. Filter function IG Valley, Madurai Main Road **B.** ARRAYfunction Manikandam, Trichy-620 012. (C.)Lookupfunction D. Operatorfunction 7. The_featureofmsexcelquicklycompletesaseriesof data. A. Auto Filter **B.** AutoComplete C AutoFill D. AutoSum 8. WhichoftheseisnotatypeoffunctionusedinExcelbyabusinessanalyst? A.Logical Functions **B**FinancialFunctions C.LookupFunctions. **D.IndexFunctions.** 9. Whichistheinternalrateofreturn? A. the interestrate at which all cash flows have an etpresent value of zero







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CyDragthefillhandleacrossthedesiredcells

d) Type"=COPY()" in

20. HowcanyouassignamacrotoabuttoninExcel?

Right-clickonthebuttonandchoose"AssignMacro."

b) Gotothe"Developer"tabandclickon"Macro Options."

c) Usethe "ALT" keyalong with a designated letter key combination.

d) Openthe"Properties" windowandselect them acrofrom the drop down menu.

21. WhichExcelfunctionisusedtofindtheaverageofarangeof cells? a) SUM

AVERAGE

COUNT

d) MAX

22. WhatisthecorrectformulatocalculatethestandarddeviationofadatasetinExcel? (a)€STDEV()

Б)=VAR()

c)=AVERAGE()

d)=SUM

23. HowcanyouroundanumbertothenearestwholenumberinExcel? X a]=ROUNDUPO

6)=ROUNDDOWN()

c)=ROUND()

d)=CEILING()

24. WhatisthepurposeofaPivotTablein Excel?

a) Tocreatedynamic formulas

b) Tosortdatainascendingorder

Tosummarizeandanalyzelargedata sets

d) Toperformcomplexcalculations

25. HowcanyouchangethesummaryfunctionofavaluefieldinaPivot Table?

a Right-clickonthevaluefield, select "ValueFieldSettings," and choose the desired summary

 $b) \ Gotothe ``Analyze'' tab, clickon ``FieldSettings, ``and select the desired summary function.$

c) Double-clickonthevaluefieldandthesummaryfunctionoptionswillappear.

d) Selectthevaluefield,gotothe"Design"tab,andchoosethedesiredsummaryfunctionfrom the

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.









Name of the Student : Sivakumar. P. AU Register Number: 8/122283/022,

Year/Sem: I MBD.

ValueAddedCourseon"ExcelForBusinessAnalytics" MCQ **QUESTIONS (25X4 = 100 Marks)** 1. The intersection of a column and a row in MSExcel worksheet is known as. A. Row (B)Cell C. Column D. Tab 2. InMicrosoftExcelspreadsheets,rowsarelabelledas____ Dr. G. Balakrishnan, M.E., Ph.D., A. 1,2,3,.... Principal (BAA,B,C,.... Indra Ganesan College of Engineering Č. A1,B1,C1.... IG Valley, Madurai Main Road D. I,II,III,..... Manikandam, Trichy-620 012. 3. Microsoft Excel uses the _____functiontocalculatetheresultsinthedata table. A. 'RESULT' B. 'CALTAB' CYTABLE' D. 'AUTOSUM' _functioninMSExcelworksheetrepresentsthetotalnumber(s)ofentriesin 4. the cell(s). A. SUM B. AVG **C**COUNT D. TOTAL 5. _isNOTaFunctioninMicrosoftExcelspreadsheets. A. HYPERLINK **B. COUNTIF** C.MIN D. AVG 6. InMSExcelspreadsheet,Datacanbesortedusing_ A. Eilter function B. ARRAYfunction C. Lookupfunction **D.** Operatorfunction 7. The_featureofmsexcelquicklycompletesaseriesof data. A. Auto Filter B. AutoComplete AutoFill D. AutoSum 8. WhichoftheseisnotatypeoffunctionusedinExcelbyabusinessanalyst? **A.Logical Functions P**FinancialFunctions C.LookupFunctions. D.IndexFunctions. 9. Whichistheinternalrateofreturn? A. theinterestrateatwhichallcashflowshaveanetpresentvalueofzero B. theinterestrateatwhichallcashflowshaveapositivenetpresentvalue







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Coragthefillhandleacrossthedesiredcells d) Type"=COPY()" in 20. HowcanyouassignamacrotoabuttoninExcel? a) Right-clickonthebuttonandchoose"AssignMacro." (6) Gotothe"Developer"tabandclickon"Macro Options." c) Usethe "ALT" keyalong with a designated letter key combination. d) Openthe"Properties" windowandselect them acrofrom the drop downmenu. 21. WhichExcelfunctionisusedtofindtheaverageofarangeof cells? a) SUM (b)AVERAGE c) COUNT d) MAX 22. WhatisthecorrectformulatocalculatethestandarddeviationofadatasetinExcel? A STDEV() D=VAR() c)=AVERAGE() d)=SUM() 23. HowcanyouroundanumbertothenearestwholenumberinExcel? a)=ROUNDUP() b) = BOUNDDOWN() ()=ROUND() d)=CEILING() 24. WhatisthepurposeofaPivotTablein Excel? a) Tocreatedynamic formulas (b) Tosortdatainascendingorder c) Tosummarizeandanalyzelargedata sets d) Toperformcomplexcalculations 25. HowcanyouchangethesummaryfunctionofavaluefieldinaPivot Table? Right-clickonthevaluefield, select "ValueFieldSettings," and choose the desired summary function. b) Gotothe"Analyze"tab, clickon"FieldSettings," and select the desired summary function. c) Double-clickonthevaluefieldandthesummaryfunctionoptionswillappear.

d) Selectthevaluefield,gotothe"Design"tab,andchoosethedesiredsummaryfunctionfrom the drop-down menu.

Dr. G. Balakrishnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.







ValueAddedCourseon"ExcelForBusinessAnalytics"

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ANSWERKEY





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STUDENTS PARTICIPATION LIST

VAC PROGRAM-ExcelForBusinessAnalytics

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Dr. G. Balakrishnan, M.E., Ph.D., Principal

Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.

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Student'sName		Abitha A	AlbertS	ArunAK	ArunN	Balaguru I	DhineshA	DhivvaA	EbinesarPaulA	GanesanM	Gavathrik	leevitha R	Kaviva R	KishorekumarM	LavanvaM	LoganathanP	MohanasundaramK	MukeshKannanK	NanthaKumarS	NirmalaM
Reg.No	*	811221631002	811221631003	811221631005	811221631006	811221631007	811221631008	811221631009	811221631010	811221631012	811221631013	811221631016	811221631017	811221631019	-	811221631021	811221631024	811221631026	811221631027	811221631028
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VACCoordinator





Madurai Main Road (NH-45B), Manikandam, Truchirappali - 620 012 Approved by AKCTE, NewDodd & Athiated to Anna University, Chennel NAAC Accretited, 2(F) Status Institution by UGC



STUDENTS PARTICIPATION LIST

Indra Ganesan College of Engineering MARKSHEETFORVALUEADDEDCOURSEPROGRAM-ExcelForBusinessAnalyticsanikandam, Trichv-620 032

IG Valley, Madurai Main Road

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

S.No. Rec	Red No.	Ctored and Land	Year/	Attendan	AttendanceDetails	VAC-MO	VAC-MCQTEST	OVERALI
		Suucht Sname	Branch	No. of Session Attended	Attendance Mark(100)	No of Correct	MCQ Mark(100)	MARK(100) (50% ofA+ 50% of D)
	811221631002	Abitha A	11/MRA	30	(A)	- 1	(B)	
2 811221	811221631003	AlhertS		00	100		84	92
3 811221	811221631005	AminAV		17	90		80	85
		VICTIM TH	II/MBA	24	80	1	10	6
	811221631006	ArunN	II/MBA	30	100	13	64	82
811221	811221631007	Balaguru J	II/MBA	30	100	70	80	90
811221	811221631008	DhineshA	II/MBA	00	IUU	19	76	88
811221	811221631009	Dhivva A		00	100	18	72	86
811221	811221631010	EhinecarDaulA		30	100	21	84	62
811221	811221631012	GanecanM		30	100	20	80	06
10 811221631013	531013	Camthuit	11/ MBA	30	100	22	88	04
811221	811221621016	uayaunin Ta vi a	11/MBA	30	100	23	00	100
177770	OTATCO	Jeevitha R	II/MBA	27	00		N	CK
811221631017	531017	Kaviya R	II/MBA	30	001	17	84	87
811221631019	531019	KishorekumarM	II /MRA		100	21	84	92
811221631020	531020	LavanvaM		17	06	22	88	89
811221621021	321021	I occurril . D		30	100	22	88	04
100110	TONTO	LuganatnanP	II/MBA	30	100	10	V0	5
811221631024	531024	MohanasundaramK	II/MBA	30	100		40	92
811221631026	531026	MukeshKannanK	II/MBA	30	100	77	90	95
811221631027	-	NanthaKumarS	VQW/11		100	20	80	90
	-	C Initiation	WOIM /IT	17	06	10		







	84	87	10	+	04	94	87	06	06	63	70	77	94	98	80	81	10	06	84	87	06	06	0
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	80	90	100	80	100	VO	001	100	100	80	100	100	100	100	100	90	100	80	06	100	100	100	80
VC I	74	17	30	24	30	27	30		00	74	30	30	30		00	17	30	24	27	30		90	74
I/MRA	Value /		I/MDA	I/MBA	I/MBA	I/MBA	I/MBA	I/MRA			I/ WBA	I/ MBA	I/MBA	I/MRA				I/ MBA	I/MBA	I/MBA	1/MBA	I/MRA	
[Ashwin]	BalamuruganA	Devarais	Dhivara C	Dinochlasser	C IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	GunaseelanM	HelinaTrathyG	KabilkalanK	KalanithiGS	KarthikaK	MohamadAchilv	I WIII CUMPITINIAL	MonikaS	NarmathaP	RaniithaS	SamSundarM	SaraniV	Saluanity Saluanitud-C	CIVEI AVIVEKS	SeraphinSheelaS	SivakumarP	VigneshP)
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of year MBA has has successfully completed the Value Added Course "Excel For Business Analytics" Conducted by Department of MASTER OF BUSINESS to 18.11.2022 during the Academic DEPARTMENT OF MANAGEMENT STUDIES PRINCIPAL Se with Nantha Kumar S **Certificate of Completion Ganesan** Maclurai Main Road (NH-45B), Manikandarn, Tiruchirappaili - 620 012 Arpnwed by AICTE, NewDolld & Affiliawd in Anna University, Chennel NAAC Acoredited, 24P) Stetus InstArriten by MGG OF ENGINEERING Dr. G. Balakrishnan, M.E., Ph.D., Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012. This is to certify that Mr/Ms/Mrs. ADMINISTRATION From 14.11.2022 Principal (A) ndra COLLEGE Year 2022-2023. C. Building HOD/MBA



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DEPARTMENT OF MANAGEMENT STUDIES

Certificate of Completion

of \ldots year MBA has has successfully completed the Value Added Course "Excel For Business Analytics" Conducted by Department of MASTER OF BUSINESS to 18.11.2022 during the Academic S. S. windle Prasanth R This is to certify that Mr/Ms/Mrs. ADMINISTRATION From 14.11.2022 Year 2022-2023. 2 Sundizerit

HOD/MBA

Dr. G. Balakrishnan, M.E., Ph.D.,

Indra Ganesan College of Engineering (G Vałley, Madurai Main Road Manikandam, Trichy-620 012. Principal

PRINCIPAL

For Business Analytics" Conducted by Department of MASTER OF BUSINESS to 18.11.2022 during the Academic DEPARTMENT OF MANAGEMENT STUDIES PRINCIPAL - Annaly Gunaseelan M Certificate of Completion Madurei Mein Road (NH-45B), Menikendern, Thuchirappalli - 620 012 Approved by ACTER, New Delix & Ammerci to Amm University, Chenned NAAC Ascreetied, 2(F) Seates Investeries by MGC OZIZUUZIOZU Ganesan Dr. G. Balakrishnan, M.E., Ph.D., Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012. This is to certify that Mr/Ms/Mrs. Principal ADMINISTRATION From 14.11.2022 Indra Year 2022-2023. 2 Budday HOD/MBA

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For Business Analytics" Conducted by Department of MASTER OF BUSINESS to 18.11.2022 during the Academic DEPARTMENT OF MANAGEMENT STUDIES A water to PRINCIPAL Ranjitha S Certificate of Completion Madural Main Road (NH-458), Manikendam, Tiruchirappali - 620 012 Approved by ALCTE, NewDeth & Abilibued to Abin University, Chembul NAAC Accredited, 3(P) Status Institution by UGC Ganesan Dr. G. Balakrishnan, M.E., Ph.D., Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012. Principal This is to certify that Mr/Ms/Mrs. ADMINISTRATION From 14.11.2022 Ŀ Indra COLLEGE Year 2022-2023. 2. Sud Prit HOD/MBA







Department of Management Studies

Academic Year 2022-2023 - Even Semester

22.03.2023

Ref: IGCE/MBA/2022-23/VAC/02

DEPARTMENT CIRCULAR

Department of Management Studies and IQAC IGCE in association with **Bizme Analytix**, **Trichy** organizing Value Added Course for all First year students on "Structural **Equation Model (SEM) and CFA - Average Variance Extracted (AVE) Using AMOS**" from 03.04.2023 to 07.04.2023. Certificates will be issued to the eligible participants at the end of the Course. This training is to be provided in our campus.

Interested students can register their names with the VAC Co-ordinator Ms.Minipriya N For this program on or before 28th March 2023.

Resource Person:	Mr.Mohamed Shuaib Siddiqui – Head
	Strategy & Customer Outreach, Bizme
	Aalytix, Trichy
Venue:	MBA Seminar Hall



Cc:

- Principal Office
- IQAC Co-Ordinator
- HoD/ MBA
- I-Year MBA Students
- Notice Board



CIPAL







Value Added Course on "Structural Equation Model (SEM) and CFA - Average

VarianceExtracted (AVE) Using AMOS"

SYLLABUS

S.NO	TOPIC COVERED	DURATION (in hours)	DATE
1	Structural Equation Model (SEM) - Introduction	1	03/04/2023
2	SEM - Create Model	1	03/04/2023
3	SEM - Model Fit: GFI, AGFI, CFI, NFI, RMSEA	2	03/04/2023
4	Practical	2	03/04/2023
5	SEM - Mediation and Moderation Analysis	3	04/04/2023
6	practical	3	04/04/2023
7	Confirmatory Factor Analysis (CFA) - Introduction	1	05/04/2023
8	CFA - Average Variance Extracted (AVE)	2	05/04/2023
9	Practical	3	05/04/2023
10	CFA - Construct Reliability (CR)	3	06/04/2023
11	Practical	3	06/04/2023
12	CFA - Discriminant Validity (DV)	3	07/04/2023
13	Practical	3	07/04/2023
14	Assessment	1	07/04/2023
and a without here	Total Hours	30	

PRINCIPAL







STUDENTS PARTICIPATION LIST

VAC PROGRAM- "Structural Equation Model (SEM) and CFA - Average Variance Extracted (AVE) Using AMOS"

S.No.	Reg.No	Student's Name	Year/ Branch
1	811222631001	Abinaya G	I/MBA
2	811222631001	Anitha S	I/MBA
3	811222631001		I/MBA
4	811222631001		I/MBA
5	811222631001	Balamurugan A	I/MBA
6	811222631001	Devaraj S	I/MBA
7	811222631001	Dhivya S	I/MBA
8	811222631001	Dineshkumar J	I/MBA
9	811222631001	Gunaseelan M	I/MBA
10	811222631001	Helina Trathy G	I/MBA
11	811222631001	Kabilkalan K	I/MBA
12	811222631001	Kalanithi G S	I/MBA
13	811222631001	Karthika K	I/MBA
14	811222631001	Mohamed Ashik Y	I/MBA
15	811222631001	Monika S	I/MBA
16	811222631001	Narmatha P	I/MBA
17	811222631001	Ranjitha S	I/MBA
18	811222631001	Sam Sundar M	I/MBA
19	811222631001	Sarani V	I/MBA
20	811222631001	Selveravivek S	I/MBA
21	811222631001	Seraphin Sheela S	I/MBA
martine and from	811222631001	Sivakumar P	I/MBA
23	811222631001	Vignesh P	I/MBA

Neji **VAC** Coordinator

HoD/MBA

Dr. G. Balakrishnan, M.E., Ph.D., Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.



Title:	"Structural	Report of Equation Model	(SEM) and	CFA - Average	Variance Extracted (AVE)
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Date of co	Trichy onduct from :	03.04.2023	To:	07.04.2023	
Organized	d Department :	MANAGEM		07.04.2023	Duration: 30 Hours
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Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-§20 012.





Madurei Main Road (NH-45B), Manikandam, Tiruchirappelli - 620 012 Approved by AICTE, NewDebi & Affiliated to Anna University, Chennai NAAC Accredited, 2(F) Status Institution by UGC



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Venue:	MBA Seminal	- Hall		i	- 4-0		
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	Indra Ga IG Va	alakrishnan, M.E. Principal nesan College of Engir illey, Madurai Main Ro kandam, Trichy-620 0	neerin pad				





Madurai Main Road (NH-45B), Manikandarn, Tiruchirappalli - 620 012 Approved by AICTE, NewDellii & Affiliated to Anna University, Chennai NAAC Accredited, 2(B) Status Institution by UGC



Name of the Student : AU Register Number:

Year/Sem:

Value Added Course on "Structural Equation Model (SEM) and CFA - Average Variance Extracted (AVE) Using AMOS"

ASSESSMENT QUESTIONS (1X100 = 100 Marks)

A)To determine the impact of Organizational Commitment and Job satisfaction on the perceived performance of the Employee in an organization. There are factors like:

- Organizational rewards
- Family support
- Supervisor support
- Favorable working conditions that affect the organizational commitment level of an employee.







Value Added Course on "Structural Equation Model (SEM) and CFA - Average Variance Extracted (AVE) Using AMOS"

ANSWER KEY

A) The codes that are included in the model for representing different factors and variables are shown below:

Factors or Variables	Code
Perceived Performance (Dependent)	РР
Organizational Commitment	OC
Organizational Rewards	oc1
Family Support	oc2
Supervisor Support	oc3
Favourable Working Condition	oc4
Job Satisfaction	JS
Advancement Opportunity	js1
Workload	js2
Relationship with Supervisor	js3

Financial Rewards

js4





Medurei Main Roed (NH-4SB), Manikandam, Tiruchirappalli - 620 012 Approved by AICTE, NewDelliń & Affiliated to Amm University, Chennai NAAC Accredited, 2(F) States Institution by UGC



Name of category	Name of index	Adequate fit	Index Value	Comments
Absolute Fit measure	CMIN/Df	Less than 5	1.540	The required level is derived
	GFI	Greater than 0.90	0.983	The required level is derived
	AGFI	Greater than 0.90	0.962	The required level is derived
	RMSEA	Less than 0.10	0.037	The required level is derived
Incremental fit measure	NFI	Greater than 0.90	0.989	The required level is derived
	CFI	Greater than 0.90	0.996	The required level is derived
	TLI	Greater than 0.90	0.993	The required level is derived
	IFI	Greater than 0.90	0.996	The required level is derived
Parsimonious fit measure	PGFI	Greater than 0.50	0.437	The required level is not derived
	PCFI	Greater than 0.50	0.553	The required level is derived
	PNFI	Greater than 0.50	0.550	The required level is derived

Dr. G. Balakrishnan, M.E., Ph.D.,

Principal Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012.

	VAC PROG	VAC PROGRAM – Structural Equipment on Model (STUDENTS)	Medurai Main Ro Approved by ALC NAAC A Striation M		Bair Rond (NH-45B), Manikandam, Tiruchirappalii - 620 012 by AUCTE, New Dollard, & Attuanch to Arma University, Chemnal AAC Actredited, 2(P) Stern Institution, by UGC STUDENTS ATTENDANCE		ikandam, Truchirapalit - 620 012 Muarch to Ama University. Chemnel etue Inntitution by UGC ATTENDANCE	Rein Rond (NH-45B), Manikandam, Tiruchirappalii - 620 012 by ALCTE, NewDould & Attiliance to Ama Unfersion, Chemnel AAC Activitied, 2(F) Stetue Institution by UGC STUDENTS ATTENDANCE On Model (SEM), and CEA	012		1		ldra G	Principal anesan College /alley, Madurai	Principal Indra Ganesan College of Engineerin IG Valley, Madurai Main Road
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Ur. G. Balakrishnan, M.E., Ph.D.,

Indra Ganesan College of Engineering

Principal

STUDENTS EVALUATION

IG Valley, Madurai Main Road MARK SHEET FOR VALUE ADDED COURSE PROGRAM - Structural Equation Model and CFM whyeedage VGH 620 012.

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t	Sarani V	II/MBA	27	60	19	76	83
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"Structural Equation Model (SEM) and CFA - Average Variance Extracted of year MBA has has successfully completed the Value Added Course (AVE) Using AMOS" Conducted by Department of MASTER OF BUSINESS ADMINISTRATION From 03.04.2023 to 07.04.2023 during the Academic DEPARTMENT OF MANAGEMENT STUDIES PRINCIPAL inter the Ashwin J **Certificate of Completion** Manual Contraction of nesane Dr. G. Balakrishnan, M.E., Ph.D., indra Ganesan College of Engineering (G Valley, Madurai Main Road Manikandam, Trichy-620 012. This is to certify that Mr/Ms/Mrs. Principal Main Rock (Ni-Lag Indra Year 2022-2023. C. Building + HOD/MBA

"Structural Equation Model (SEM) and CFA - Average Variance Extracted of <u>II</u>... year MBA has has successfully completed the Value Added Course (AVE) Using AMOS" Conducted by Department of MASTER OF BUSINESS ADMINISTRATION From 03.04.2023 to 07.04.2023 during the Academic DEPARTMENT OF MANAGEMENT STUDIES PRINCIPAL And A Devaraj S **Certificate of Completion** COLLEGE OF ENGINEERING Madural Mein Pload (NH-458), Mankandern, Truchingppeil) - 620 012 Approved by AUCTE, New Deth & Affiliary is Abber University, Chemoni NAAC: Accredited, 2(P) States Invision by UCC Ganesan Dr. G. Balakrishnan, M.E., Ph.D., Indra Ganesan College of Engineering IG Valley, Madurai Main Road Manikandam, Trichy-620 012. This is to certify that Mr/Ms/Mrs. Principal Indra Year 2022-2023. 2. Bundatif HOD/MBA

of year MBA has has successfully completed the Value Added Course "Structural Equation Model (SEM) and CFA - Average Variance Extracted (AVE) Using AMOS" Conducted by Department of MASTER OF BUSINESS ADMINISTRATION From 03.04.2023 to 07.04.2023 during the Academic DEPARTMENT OF MANAGEMENT STUDIES PRINCIPAL A MAN Karthika K **Certificate of Completion** Ganesan Madural Mein Rouad (NH-458), Martkandam, Thuchleppeall - 820 012 Appraves by A (CTFE, Novelseni & Athinkus to Anne University, Chennel NAAG Ascretice, AF) Searce Instantion by UGC: COLLEGE OF ENGINEERING Dr. G. Balakrishnan, M.E., Ph.D., Indra Ganesan College of Engineerio IG Valley, Madurai Main Read Manikandam, Trichy-620 012. This is to certify that Mr/Ms/Mrs. Principal Indra Year 2022-2023. 2. Guddayt HOD/MBA

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