Prerequisite	IIN
Contact Hours	35 Hours
VAC013	Excel in Robotics and Technology

Course Description

This course is designed to equip students with advanced Excel skills specifically tailored for applications in the fields of robotics and technology. Participants will learn how to harness Excel's capabilities to effectively analyze, manipulate, and present data generated from robotics projects, sensor measurements, experiments, and simulations. The course will also cover automation techniques and integration with other tools commonly used in these industries.

Course Objectives

- I. Apply advanced Excel functions and formulas to analyze and interpret data in robotics and technology contexts.
- Are reconstructed to gain insights and PivotTables to gain insights and facilitate decision-making.
- 3. Clean and preprocess data, handling challenges such as missing values, duplicates, and
- ounters:

 4. Utilize statistical techniques to extract meaningful information from robotics-related data.
- 5. Create and execute Macros using VBA for automating tasks and enhancing efficiency.
- 6. Integrate Excel with other software/tools used in robotics and technology projects.
- 7. Address ethical considerations and data security concerns related to data handling and

analysis.

Course Content

s ponts

Module 1: Introduction to Excel for Robotics and Technology

- Overview of Excel's capabilities and its relevance in robotics and technology.
 Understanding the importance of data analysis and management in these fields.
- sinon &

Module II: Advanced Excel Functions

- Using advanced functions such as VLOOKUP, HLOOKUP, INDEX-MATCH, and more for data retrieval.
- Mastering logical functions (IF, AND, OR) for decision-making and data filtering.
- Module III: Data Visualization Techniques

 Creating dynamic charts and graphs to visualize robotic performance metrics, sensor
- data, etc.

• Using PivotTables for interactive data summarization and analysis.

sinon &

Module IV: Data Cleaning and Preparation

- Techniques to clean and preprocess data from sensors, experiments, or simulations.
- Dealing with missing values, duplicates, and outliers.

sanoy s

Module V: Statistical Analysis with Excel

- Applying statistical functions (AVERAGE, STDEV, etc.) to analyze experimental results.
- Conducting hypothesis testing and regression analysis for robotics-related data.

sinoa &

Module VI: Automating Tasks with Macros and VBA

- Introduction to Excel Macros and Visual Basic for Applications (VBA) programming.
- Creating custom functions and automating repetitive tasks in robotics projects.

sinon S

Module VII: Integration with Other Tools

- Importing and exporting data between Excel and other software/tools used in robotics and technology.
- Collaborative data sharing and integration with cloud platforms.

sanoy s

Module VIII: Project Management and Planning

- Using Excel for project scheduling, resource allocation, and progress tracking.
- Gantt charts and timeline visualization for robotics project management.

s ponts

Module IX: Real-world Case Studies

- Analyzing real-world scenarios and datasets from robotics and technology projects.
- Identifying insights and making data-driven decisions.

sanoy S

Module X: Ethical Considerations and Data Security

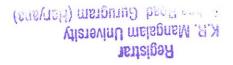
- Addressing ethical concerns related to data handling and analysis in robotics and technology.
- Implementing data security measures while working with sensitive information.

Practicum

- I. Students will work on robotics-related datasets, performing data analysis and creating visualizations to extract insights.
- 2. Students will develop Macros using VBA to automate repetitive tasks, enhancing productivity
- productivity.

 3. Students will create project management tools using Excel, such as Gantt charts, to plan
- and track robotics projects.

 4. Students will analyze real-world robotics data using statistical functions and techniques.
- Students will explore the integration with cloud platforms and collaborating on shared
- Excel workbook.



J. dage

Textbooks

Smith, J. A. (2018). Excel for Robotics and Technology. TechBooks Inc.

Reference Books

Springer. Springer Handbook of Robotics. Springer Handbook of Robotics. Springer.

(%) agathgiaW	Evaluation Component	
50	sətsdə (Tenois subsiderates) satisfar and sa	I
50	Project	7
01	Attendance	3
0\$	End Term Examination	Þ

- diff

R.R. Mangalam University

K.R. Mangalam University



(Recognized by UGC and a member of AIU)

Dated: 3nd August, 2018

Ref. No.: KRMU/Admin./Notice/2018-19/309(B)

NOLICE

This is to put for information that School of Engineering & Technology is offering Value-Added Course (VAC) for all interested students during ODD Semester as per the following specifications.

Duration	Coordinating Department / School	Course Title	Course Code
30 Hrs.	SOET	Computer Graphics - 3D Studio Max	AAC003
30 Hrs.	SOET	Excel in Robotics and Technology	VAC013

Maximum100 seats are available for the course.

Course Start Date: 03 September 2018

Course End Date: 01 November 2018

All interested students are required to confirm their registration with the Dean-School of Engineering & Technology latest by 23rd August, 2018.

ANONAL Segistrar

Copy to:

For kind information

Vice Chancellor

Dean (Academics Affairs)

Controller of Examinations
 All Deans/ School Coordinators

All Faculty Members/ Mentors

Notice Board

Office Copy

K.R. Mangalam University Sohna Road, Gurugram (Haryana)



VAC COURSE FOR ACADEMIC YEAR 2018-19 COURSE CODE: VAC013 ATTENDANCE SHEET

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

	7 0 0 0 0 0 0 0 0	Semester P Semester P	B.Tech EEE B.Tech EEE	1801030006 HARSHIT SHARMA
	7 0 0 0 0 0 0 0	7 -		_
	ד ס ס ע ס ס ס ס			
	ד ס ס 🛇 ס ס ס	_	B. lech EEE	
	ד ס ס < ס ס		lech EE	_
	7 0 0 0 0		1601	-
	ד ס ס < כ		B Toch EEE	1801030001 ANKIT YADAV
	> 0 0 7		B.Tech MF	1801021012 KHUSHAL SHARMA
	0 0 7		B.Tech ME	1801020010 TEJASV SINGH
	0 7		B.Tech ME	1801020009 SAHIL KUMAR
	7		B.Tech ME	
	7		B.Tech ME	
	Δ		B.Tech ME	
	ָס ;		B.Tech ME	1
	Δ		B.Tech CSE	-
	P		B.Tech CSE	
	P	Semester I P	B.Tech CSE	
	P	Semester I P	B.Tech CSE	
	A		B.Tech CSE	. 1
	P	Semester I P	B.Tech CSE	
	P		B. Fech CSE	
	P		b. lech CSE	
	P		B Toch CST	
	7		R Tach CSE	1801010022 PRADEEP
	2 7	1	B. Tech CSF	1801010020 MOHD EZAZUL HAQ
	ד כ		B.Tech CSE	1801010016 KULDEEP KHANDELWAL
	ד כ		B. Tech CSE	1801010013 ISHIKA PASRICHA
	0 -		B.Tech CSE	_
	ο.		B.Tech CSE	
PPPP	D .		B.Tech CSE	
7	P	Semester P	B.Tech CSE	-
D		Semester I P	B.Tech CSE	
P P P P A D D CH-16 P-18-18-18-18-18-18-18-18-18-18-18-18-18-	P P P P P P P P P P P P P P P P P P P	Semester I P	B.Tech CSE	
3-Sep-18 5-Sep-18 6-Sep-18 7-Sep-19 9 5 2 11 5 12	5-Sep-18 6-Sep-18	SEMESTER 3-Sep-1	PROGRAMM	\perp

COURSE INCHARGE

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Harvana)



VAC COURSE FOR ACADEMIC YEAR 2018-19 COURSE CODE: VAC013 ATTENDANCE SHEET

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

Roll No	NAME	14-Sep-18	18-Sep-18	20-Sep-18	22-Sen-18	24-Sen-18	76 San 10	10 00 10			
1801010001	AMIT KUMAR	P			A	P		D V V	ע סרי-זס	D-0CL-18	4-Oct-18
1801010003	AMIT KUMAR JANGIR	P		P	P	0	P -	ק ס	D	> 7	7
1801010005	AYUSH KUMAR	P	P	P	P	P	ק ק	ם -	ק כ	7 7	٦
1801010006	DEEPAK KUMAR	Р		P	A ·	P	- ס	ר ס	י כ	> 7	7
1801010009	DIVISHA JAIN	P		Р	р ;	- ס	ם	ד	7	PA	7
1801010011	HARSHITA SINGH	P		A	ס י	- ס	ם ח	ד		7	7
1801010013	ISHIKA PASRICHA	P	P	P	A	- σ	0 -	ד כ	ד	1	7
1801010016	KULDEEP KHANDELWAL	Р		P .	Δ .	D 7	ד	ד	> \	A	70
1801010020	MOHD EZAZUL HAQ	P		P	ָּן ס	- 0	ם ח	ד	P	ד	7
1801010022	PRADEEP	P		P	Δ	- ס	0 -	> 1	7	7	7
1801010030	SAKSHI RAGHAV	O	P	ק אר	ָ ס	0 -	- כ	> 1		7	7
1801010032	SHIVANI	P			- O	0 -	ם ח	7	ר ר	י ד	Þ
1801010034	SHREY BHARDWAJ	Α			7		ריי	7			7
1801010035	SHUBHAM JASWAL	A	P		P G	- ס	0 -	ר ו ס	ד	ד	7
1801010042	PARUL KALRA	P	A	P	P	ס	D.	0 -		ר כ	2
1801010048	MOHIT KUMAR YADAV	P	P	A	P	P	ָ ס	Θ.	- ס	0 -	רס
1801010052	SHIVANI SHIKHA	P	P	P	A	ס	P	P .	0	- ס	0 -
1801011050	SARVESH TIWARI	А	P	P	P	ס	0	9		0 -	ם כ
1801020003	LAKSHAY SETHI	А	P	P	P	A	D	0	0 -	> -	5 -
1801020006	SAURAV VOHRA	P	P	P	P	P		- ا	0 -	ן ס	דכ
1801020006	SAURAV VOHRA	P	P	P	P	ס		Δ -		רוכ	> 7
1801020007	VISHAL KUMAR	P	P		P	י		נוס	ד	ד כ	7 2
1801020009	SAHIL KUMAR	A			P	- ס		רוס	ד	ד	7
1801020010	TEJASV SINGH	Α	D		0	0 -		רוכ	דוכ	7	7
1801021012	KHUSHAI SHARMA	P			0		> 7	דןכ		יןכ	A
1801030001	ANKIT YADAV	- G				ד כ	בוע		7		P
1801030002	AVIBAL SINGHAL	0 .						7		7	7
1801030004	CHETANI	5 -				7	7	7	7	P	Р
1801030005	CHETAN BAKELII	7 7			7	P	ס	P	P	A	5
1801030006	CHETAN BARSHI	7	_				P	ס			τ
	TIADCITE CITADAAA)				Р		200 DE CONTROL DE CONT	P	P	7 7



Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Harvana)

Color of Cylneoring & Technology (See I)

K. D. Wasigolam U.J. Wally

Solma Cold, Gury A. J.



ATTENDANCE SHEET

VAC COURSE FOR ACADEMIC YEAR 2018-19

COURSE CODE: VAC013

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

KOII NO	NAME	8-Oct-18	9-Oct-18	10-0ct-18	11 0-+ 10						
1801010001	AMIT KUMAR	A	P	ם סני דס	ד-חכנו-דס	9T-130-6	5-Uct-18	16-Oct-18 17-Oct-18	17-Oct-18	22-Oct-18 24-Oct-18	24-Oct
1801010003	AMIT KUMAR JANGIR	P	D.	0 -	> 1	7	7	A	ס	p	P
1801010005	AYUSH KUMAR	P	-0	Α -	נ ס	ס ד					P
1801010006	DEEPAK KUMAR	P	A	ָ ס	D -	ם ס				A	P
1801010009	DIVISHA JAIN	A	P	- Q	P	ם -	ב				P
1801010011	HARSHITA SINGH	P	P	P	P	Δ.		רוכ			A
1801010013	ISHIKA PASRICHA	P	P	A	P	ָל ס		ד			9
1801010016	KULDEEP KHANDELWAL	Р	P	P	P	ρ .		> 7			7
1801010020	MOHD EZAZUL HAQ	Р	P	P	P	- Q					ס
1801010022	PRADEEP	P	A	D	Α	- ס					A
1801010030	SAKSHI RAGHAV	P	P	P	Δ .	ם					
1801010032	SHIVANI	P	P	P	ָ ס	- ا					
1801010034	SHREY BHARDWAJ	P	P	P	P .	0 -	נוס				
1801010035	SHUBHAM JASWAL	P	P	P	Φ.						
1801010042	PARUL KALRA	P	A	P	P						
	MOHIT KUMAR YADAV	P	P	P	A						
10. 10	SHIVANI SHIKHA	А	A	P	P					- ס	
	SARVESH TIWARI	P	A	P	Р	P	P				
	LAKSHAY SETHI	P	P	Α	P	P	P	P			-1.
	SAURAV VOHRA	P	А	A	P	P	A				
1801020008	VISHAL KLINAAD		P		P	Р	P	P			
	SAHII KIIMAR	7	7				A	Р	P	P	
-	TEIASV SINGH	D -	ד						P	P P	
_	KHUSHAI SHARMA	0	> -						P	P	
_	ANKIT YADAV	0	0)							P	
_	AVIRAL SINGHAL	Α.	Δ -		בוס						
1801030004	CHETAN	P	A :		-	(ס	> 7				
1801030005	CHETAN BAKSHI	A	P						דוס	> 7	
1801030006	TA DOLLA CLIADA					P					



K.R. Mangalam University Sohna Road, Gurugram, (Haryana) Registrar

K B. Singalam University on 10 load, Gurug Albana



VAC COURSE FOR ACADEMIC YEAR 2018-19 ATTENDANCE SHEET

COURSE CODE: VAC013
COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

87.10	27	31	2	1		1	-		-
90.32	28	31	7	1 -		> 1	0 -	HARSHIT SHARMA	_
80.65	25	31					0 -	CHETAN BAKSHI	-
80.65	25	31				> 7	0 -	CHETAN	_
90.32	28	31				0 -	D :	AVIRAL SINGHAL	
83.87	26	31				0 -	Δ.	ANKIT YADAV	1801030001
90.32	28	31				9	P	KHUSHAL SHARMA	1801021012
96.77	30	31				P .	P	TEJASV SINGH	1801020010
93.55	29	31		0 7		0 -	0	SAHIL KUMAR	1801020009
87.10	27	21				ם -	Р.	VISHAL KUMAR	1801020007
74.19	23	31	7			0 -	0	SAURAV VOHRA	1801020006
77.42	24	31				ם :	P	SAURAV VOHRA	1801020006
80.65	25	31	7			Δ -	p ·	LAKSHAY SETHI	1801020003
80.65	25	31				0 -	P	SARVESH TIWARI	1801011050
90.32	28	31				0 -	P :	SHIVANI SHIKHA	1801010052
83.87	26	31				0	A	MOHIT KUMAR YADAV	1801010048
90.32	28	27				D	P	PARUL KALRA	1801010042
96.77	30	31	0 -			P	P	SHUBHAM JASWAL	1801010035
93.55	29	31	ר			0	P	SHREY BHARDWAJ	1801010034
87.10	27	31				P	P	SHIVANI	1801010032
77.42	24	31	ד			P	P	SAKSHI RAGHAV	1801010030
90.32	28	31					D	PRADEEP	1801010022
83.87	26	21	ד					MOHD EZAZUL HAQ	1801010020
83.87	26	31						KULDEEP KHANDELWAL	1801010016
87.10	27	31	7				D	ISHIKA PASRICHA	1801010013
90.32	28	31	7				P	HARSHITA SINGH	1801010011
80.65	25	31					0	DIVISHA JAIN	1801010009
87.10	27	31	7	ד			· G	DEEPAK KUMAR	1801010006
83.87	26	31		7			- Q	AYUSH KUMAR	1801010005
77.42	24	31		7	> 7		סוס	AMIT KUMAR JANGIR	1801010003
Percentage	Present	-	-Nov-18	30-0ct-18	A-001-18	סבר-10	7 6	AMIT KUMAR	1801010001
							3	NAME	Roll No

Registrar

K.R. Mangalam University

Solina road, Gurugrand
Harvana 192103



VAC COURSE FOR ACADEMIC YEAR 2018-19 COURSE CODE: VAC013 ATTENDANCE SHEET

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

TOUZUIT	1807070011	1802070006	1802070001	1802070001	1801720003	1801540003	71.00901.081	1801060011	1801060009	1801060008	1801060007	1801060006	1801060005	1801060004	1801060003	7000901081	1001060001	1801050001	1801051007	1801050005	1801050005	1801050004	1801050003	700000000	1801050001	1901050001	1801040010	1901030010	1801030008	1801030007
DHRUVJAIN	ANURAG SINGH	ANITRACE	AMABIEET SINGH		RADA!	VISHAL SOLANKI	SHUBHLATA	MEGHA GARHKOTI	VIKASH CHAUHAN	SONU GUPTA	SHAAN MANKASH	RITAV TRIPATHI	PRANAY KUMAR TANDON	KESHAV	KAHKASHA SIDDIQUI	ASHUTOSH MAGO	AVIAN	AYAN KHAN	HARSH AMAN	ZIZ.	7.1.1.X	DIGVIJAY JHA	SHIVAM SINGH	PRASHANI KUMAR	REWAL GUPIA	NISHII AGAKWAL	NISTIT ACABACA	NINDIC LUANUX	NIKIH THAKUK	NIKHII THAKUS
B.Com (H)	B.Com (H)	B.Com (H)		B.SC. (T) CS		M.Tech Auto	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA	BCA	B.Tech Civil	B.Tech Civil	B.Tech Civil	B. Tech Civil	B.Tech Civil	B.Tech Civil	B. Tech Civil	B.Tech Civil	B. Tech ECE	B. Tech EEE	B. Tech EEE	B. Tech EEE	B.Tech EEE
Semester I A	Semester I	Semester I	Semester	semester		Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I	Semester	Semester I	Semester I	Semester I	Semester I	Semester I	Semester I
A	3	P	7	7	7	D	Р	P	P	A	P	Р	P	P	P	P	Р	P	P	P	P	Р	P	P	Р	P	A	P	P	P
P	Α	P	P	A		ס	P	P	P	P	A	P	P	P	P	P	D	P	D	Α	P	Þ	Р	P	Ρ	P	P	Α	P	P
P	P	P	P	P		Þ	P	P	P	P	P	P	P	P	P	P	D	P	A	P	Р	P	A	P	P	P	P	Р	P	P
P	P	P	P	P		0	P	P	P ·	P	0	D	P	P	P	P	Α	A	Α	P	P	P	P	P	P	P	P	P	P	P
P	Р	P	P	P		-	P	0	0 -	ס -	0	0	0	D	0	0	P	P	D	D	Р	P ·	0	D	P	P	P	P	P	P
D	P	P	P	0	7	2	0	Р -	0 -	0 -	0 -	0 -	о -	0	0 -	ס	D	0	p ·	0	P	P -	0	0	Ð.	D	D.	D	р.	P
0	P	P	P	P	7	,	D -	0 -	ר ס	0 7	ר ס	0 ~	0 -	0 -	- ا	0 -	0	0 -	0 -	0 -	0	0 -	0 -	0 -	0 -	0	p -	0 -	ρ -	q



Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Hamma)

School of Embering & To Kengy (S. K.R. ... Sangalom I. ... Aprilly Solita read, Gun Marin



1801030007 | MANAV CHUGH

VAC COURSE FOR ACADEMIC YEAR 2018-19 COURSE CODE: VAC013 ATTENDANCE SHEET

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

6	· Chanlant		1 1 1 1 1 1 1 1		220		1/2				<u> </u>
P	AN	1/1	1				1				~
A				D	P	Р	A	-	1		
				Р	Р	P	7	7	> .	1 DHRUV JAIN	1100/021
				Α	P	7	7	0 .	P	1	1002070006
P	A			-	7	7 -	D	. P	م		190707000
P	P		P			0	P	Α	P	AMARIEET SINGH	1802070002
ס	P				5 -	D	P	P	A	AKACHDEED CINICI	1802070001
		,			0	Ō.	Р	P		BADAI	1801720003
P	P									VISHAL SOLANKI	1801540003
P					ם י	P	P	P	P		
Α	τ				Δ	P	P	-		SHUBHIATA	1801060012
1					P	P	A) 7		MEGHA GARHKOTI	1801060011
7	Δ	D	O.		P	10	A	0 -		9 VIKASH CHAUHAN P	600090T08T
>	P	P			-	1	> -	D	P	SUNU GUPTA	2001000008
P	A	P				J 7	ק ס	P .	P	SHAAN MANKASH	180106000/
D	Þ	P	A	7		דיכ	0 -	P	P	AL AV - KITA I H	100100000
P	P	A	7			7	D	А	9	PITAL TRIVIAR LANDON	18010600
A	Р	P	7			Δ	P	P	A	DRANIA KIRAR TARIFOR	1801060005
P	P	τ	- כ	0 3		Р	P	Р	A	KESHAV	1801060004
A	7	7	0 -	Δ):		P	P	P		KAHKASHA SIDDIOLII	1801060003
70	7	2	D .	A		P	P	A		ASHUTOSH MAGO	1801060002
A	ד	> -	P	P		P	7	D		AMAN	1801060001
> 7	0 -	ם	P	P		P	1	> 7		108 AYAN KHAN	1801051008
र र	0 -	0	P	P		A		ד כ		107 HARSH AMAN	1801051007
7	0 -	P	P	P		P	A	רכ	Α	05 RITIK	1801050005
רכ	0 -	P	P	P		P	. 70	רכ	P .	05 RITIK	1801050005
0 1	- ס	P	P	P		P	7 7	ר ס	P	DIGVIJAY JHA	1801050004
> -	P	P	A	P			7 7	ָ כ	P	JU3 SHIVAM SINGH	FULUSOUGE
ָ ס	0	P	P	A		7 0	5 7	Δ.	P		1801050002
Δ.	P	P	P	P			0 1	0	P		18010500UL
D ;	A	P	P	0		7	>)	P	P	-	1001040002
D	ס	P	P	P		7 7	> -	0	P	MON	1801030010
0 -	A	P	A	70			7 0		P		1801030008
D	P	P	P	P			0 7		P		1801030008
								Δ	7	1	200

COURSE INCHARGE

Registrar

Keyistrar

Iniversity



1801030007 | MANAV CHUGH

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY VAC COURSE FOR ACADEMIC YEAR 2018-19 COURSE CODE: VAC013 ATTENDANCE SHEET

						3					
P	P	P	A	7		1					
P	7	7	7	7	D -		0		D	11 DHRUV JAIN P	1802070011
7	7	7		0	Ď	P 7	P		P	06 ANURAG SINGH	9000/070RT
דופ	7	> -	0 -	D ·	P	A	P	P			7000/0708T
5 1	> -	0 -	D	P	P	A	b d		P		1802070001
> .	D	D	P	Α	Р	P	P	A		AKAGUREER	100707000
P	P	ס	P	P	P	P	P	P		RADAI	1801720003
7	7	7		-						03 VISHAL SO_ANKI	1801540003
7	7	ר ס	0 -	D.	D	P	P	P		12 SHUBHLATA A	1801060012
P	7		ָ ס	P	P	P	P	P			1801060011
> 70	7	ר ס	D]	0 -	P	P	P	P			1801060009
7	7	7	D -	0	P	A	P	P			800090108T
7	7	0 1	0 -	Θ.	P	P	P	P			1801060007
7	D	> 7	0 -	0	P	A	P	P			1801060006
7	> 7	7	רס	ס -	О.	A	P	P			1801060005
0 0	7	7	0 7	0 -	P	P	A	P	P	KESHAV	1801060004
9	DA	7	ד ס	0 -	0	P	P	P	P	KAHKASHA SIDDIQUI	1801060003
P	0	7 7	J 7	ר ס	- G	A	P	A	٦	ASHUTOSH MAGO	1801060002
P	A	7	7	0 7	נס	P -	A	P	P	AMAN	1801060001
P	9	7	7	7	> -	ם	P	P	A	AYAN KHAN	1801051008
P	P	7	7	7	0 -	P :	P	P	A	HARSH AMAN	1801051007
P	P	9	ד	ד כ	ק ס	Δ -	P :	P	P	RITIK	1801050005
P	P	P	0	A	0 7	0 -	Δ -	P ;	٦	RITIK	1801050005
Α	P	P	0 0	, 7	ד כ	0 -	ס -	A .	P	DIGVIJAY JHA	1801050004
P	P	P	P	7 -	7 0	0 -	0 -	٠ ا ٥	A	SHIVAM SINGH	1801050003
P	P	P	7	7	דוכ	0 -	0 -	· Q	A	PRASHAN KUMAR	1801050002
A	P	P	Α	7	0 70	0 -	0	0	P	KEWAL GUPTA	1801050001
P	P	P	D	7	7	0 3	0	P	Р	NISHIT AGARWAL	1801040002
P	P	P	P	7	7	Δ -	0 -	Q.	P	MONIKA CHAUDHARY	1801030010
P	P	Α	P	7	7	0)	0 -	P	P	NIKHIL THAKUR	1801030008
P	Α	P	P	7	7	> 3	0 -	P ·	P	NIKHIL THAKUR	1801030008
				7	ס	Δ	P	P	P	MANAV CHUGH	1801030007

K.R. Mangalam University Registrar

COURSE INCHARGE

ULAN
ITALIAN
I



1801030007 | MANAV CHUGH

VAC COURSE FOR ACADEMIC YEAR 2018-19 ATTENDANCE SHEET

COURSE CODE: VAC013

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

		DHRUV JAIN	-	_		1802070001 AKADAL	_	1801540003 VISHAL SOI ANKI		-	1801060011 MEGHA GABUKAT	VIKASH CHAUHAN	1			1801060006 RITAN TRIBATION	1801060005 PRANAY KUMAR TANDON			_		1801060001 AMAN		1	1	1	1	-	_		_	-	1	_	-	1801030008 NIKHII THAKUS	INANAV CHIGH
	-	P					Ū.		P ·	P	P	P			P .	P	A	A		P	P	P	P					P	P	P	7	1	P	P	P	P	
	A MATERIAL	P	PP	P	AP	P		P	A			A	P	P	7		P	P	P	-	0 -	0	P	A	P	A	P			Δ	P	A	P	-0		D	
													0	P	7			P	P	P	7	7	5 -	D	P	P	P	P	7			P	P	P	0		
	31 24	31 26					30			31 27		31 28	31 26	31 25			31 78					31	31							31	31	31	2/1	07	31		
74.11	90.32	83.87	83.87	77.42	87.10		96.77	93.55		T					80.65					24 77.42				28 90 37	26 83.87	28 90.32			1	T	24 77 12	28 90.37	26 83.87	2/ 87.10			

Registrar

Sohna Road, Gurugiani (Haryana) K.R. Mangalam University

School of Chineering & Technologylsoet;
K.R. Sangalam University
School cod, Gurugnard



ATTENDANCE SHEET VAC COURSE FOR ACADEMIC YEAR 2018-19 COURSE CODE: VAC013

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

+0+0,0000		1812730001	1803680002	1803600003		-	1803100002	1802080062			1	- 1	1802080020	1802080011	1802080008	1		1802070039	1802070038	9500/070RT	1802070028	1802070020	1802070024	1802070024
CHARL MINIT ACTIVITY	SHWETANISH VERMA	RUDRAKSH MISHBA	MONIKA	MONIKA YADAV	LONEUM	IOKECH	AKSHIMA	SHUBHAM SHERAWAT	PRIYANSHI GOEL	MOHII GOYAL	TRUCCOH KHAN	CHINAL DANIA	CHINKESH DALIVA	ANKIT MISHRA	AMAL JOHNSON	AKSHAT JAIN	SILELIAL SINGH	CHEETAL CINICII	SHAILESH KUMAR GUPTA	SANDEEP	NITESH FOGAT	NEHA AGGARWAL	NELLA ACCADIAN	NANCY
B. I ech CSE	B. I BCN CSE	D Tack CCT	M.Sc Chem	M.Sc (H) Maths Semester	B.Sc (H) Chem	p.oc (n) chem	B Co (U) Cham	BBA	BBA	BBA	BBA	ВВА	00.	RAA	вза	вза	B.Com (H)	0.0011 (11)	R Com (H)	B.Com (H)	B.Com (H)	B.Com (H)	B.Com (H)	b.Com (H)
Semester	Semester	טכוונטנכו	Semester	Semester I	Semester I	Semester	Schlester	Semester	Semester I	Semester I	Semester I	Semester	Delliestel 1	Somostor	Semester	Semester I	Semester	Selliester	Competer	Semester	Semester I	Semester I	Semester I	Semester
7	7	7	D	Р	Р	7	7	D	P	P	P	P		5	P	P	Р	7	5 -	D	P	P	P	τ
P	P	1	D	P	P	A	· I	>	P	P	P	P	I	>	D	A	Þ	7	7 7	>	P	P	P	P
9	P	7	5	P	Р	ק	7		Δ	P	P	Р	A	, -	ָ ס	A	Р	P	1	3 ;	D	P	P	P
P	P	7	7 -	P	P	P	7	7 -	0 -	0	P	P	A	I	>)	Δ	P	ס	7	7 -	0 -	D	P	P
D	P	70	7	0 -	D	q	P	1	0 -	0 -	D	P	P	τ	7	0 -	D	P	7	, -	0 -	0	P	Р
0	Р	P	+	5 -	0	P	P	τ	7	5 -	0	D	P	τ	7	רכ	D	P	P	7	רכ	0 -	ם י	P
0	P	P	7	7	ő -	D	P	τ	7	7	5 -	D	P	P	7	7	5 -	P	ס	τ	7	7	0 -	0

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)

COURSE INCHARGE

BO

172



VAC COURSE FOR ACADEMIC YEAR 2018-19 **COURSE CODE: VAC013** ATTENDANCE SHEET

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

1802070012 1802070024 1802070026 1802070028 1802070036 1802070038 1802070039	1802070012 GAUTAM SINGLA 1802070024 NANCY 1802070026 NEHA AGGARWAL 1802070028 NITESH FOGAT 1802070036 SANDEEP 1802070038 SHAILESH KUMAR GUPTA 1802070039 SHEETAL SINGH	0 0 0 0 0 0	0 0 0 0 0 0	9 9 9 9 9	9 9 9 9 9 9	9 9 9 9 9 9	0 0 0 0 0	A A A A A A A	000000	00000	P P A P P A
1 1	SHEETAL SINGH	> P	9 -	נסי) A -	ר פי	7 0	70 70	7	P	P
1802080007	AMAL JOHNSON	D D	0 0	ס ס	0 0	P	ס ס	ס ס	0 0	P	0
1802080011	ANKIT MISHRA	P	P	A	P	0 :	0 -	D -	ר ס	D	ד ס
	CHINKESH DAHIYA	P	P	P	P	P	P	A	P	P	D -
	FIRDOUSH KHAN	ס	P	P	P	P	P	P	Р	P	P
	MOHIT GOYAL	A	P	P	P	P	P	P	P	P	P
1802080049	SHIBHAM SHERAMAT	DA	> 0	סיק	0 0	P	P	P	P	P	А
	AKSHIMA	ס ד	D D	ס כ	D T	0 0	D D	9 0	P	P	P
	LOKESH	P	A ·	P -	A I	P -	7	ק ס	7	> 7	0 7
1803600003	MONIKA YADAV	P	P	P	P	ם	٠ -	0 -	0 -	ע ס	ר ס
1803680002	MONIKA	P	P	Α	P	P	P	Р	0	0 -	0 -
1812730001	1812730001 RUDRAKSH MISHRA	P	P	P	A	P	P	P	P	A	Р.
1812730002	1812730002 SHWETANSH VERMA	P	P	P	A	P	P	P	А	P	P

COURSE INCHARGE

Registrar K.B. Mangalam University Sohna Fund, Garugiran, (Haryana)

School of Engineering & Technology (#GET)
K.R. Mangalam University
Sohna road, Gurugram
Haryana 122103



ATTENDANCE SHEET VAC COURSE FOR ACADEMIC YEAR 2018-19 COURSE CODE: VAC013 COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

P P		SHWETANGH VERMA	BIIDBAKSH MISHBA	MONIKA	1803600003 MONIKA YADAV A	1803100007 LOKESH P	AKSHIMA	AUGUINA A	CHIED TO COLL	DBIVANICHI COEI	D	1802080022 FIRDOUSH KHAN P	1802080020 CHINKESH DAHIYA P	ANNI IVIOTRA	ANICHEA	1802080008 AMAL JOHNSON P	1802080007 AKSHAT JAIN P	1802070039 SHEETAL SINGH	SHAILESH KUMAR GUPTA P	SANDEEP	NIIE3H FUGAI	NITECH EOCAT	NFHA AGGARWAI	16020/0024 INANCY
P P						A	A P	P				P	P	A			A	A P	P P	A P				_
	A	0		ר כ	0 .	P	Р	P	-	, ,		P	Α	P	7	ο .	P	P	Α	P	P	-		ס
																				P	P	P	P	2
	P	P	P	-	רוכ	D	P	P	P	0	1 7	5 -	P	P	P		0 -	0	p -	D	P	P	7	,
	P	P	Α	P	7	0 -	P	P	Р	P	7	7 -	ס	P	A	7	ק כ ר	0 -	0 -	0	P	P	P	



Registrar Registrar W.R. Mangalam University K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



ATTENDANCE SHEET

VAC COURSE FOR ACADEMIC YEAR 2018-19 **COURSE CODE: VAC013**

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

70006/7101	1012/30001	1017770001	180366	1803600003	1803100007	1803100002	1802080063	1802080040	1802080035	1802080022	1802080020	1802080011	800080708T	/0000000/	10000	1802070030	1802070038	1802070036	1802070028	1802070026	T8070/0074	10000
		200		1000						- 1	- 1				- 1	- 1		- 1				- 0
SHAVE LANSH VERIVIA	SCUXARUH MIDHKA	VICINICA	MONIKA	MONIKA VADAV	I OKESH .	OKCHINA)	SHIBHAM SHEDAMAT	BBIAVIETI COLL	MOHIT GOVAL	CIRDOLISH KHANI	CHINKESH DAHIVA	ANKIT MISHRA	AMAL JOHNSON	AKSHAT JAIN	SHEELAL SINGH	SHEETAL SINICH	SHAILESH KIIMAD CIIDTA	SANDEED	NITESH FOGAT	NEHA AGGARWAL	NANCY	
-	7	, -	דכ	7	ד כ	7	7	7 7	י כ	דוכ	D	P	P	τ	7) I	> 7	3 -	D	P	P	
A	A	D	D	> I	> 7	7	1) 7	7 -	י כ	5	P	A	7	-	7	7	רכ	0	P	P	
P	P	P	1 7	7	D	D	-	 -	A	. 7	7 -	P	P	P	A	7	PA) T	J .	P	Α	
P	P	P	7	7		0 0	P	70	70	7	7 -	D	P	P	P	-	0.0	7	7	P	P	The street of th
31	31	31	31	31	31	31	31	31	31	31	UL	21	31	31	31	31	31	31	2 1	21	31	()
24	27	27	28	25	25	26	28	30	29	27	47	٠ د	7/4	25	25	28	26	28	00	21	70	1/1
77.42	87.10	87.10	90.32	80.65	80.65	83.87	90.32	96.77	93.55	87.10	11.42	77.11	77 /7	80.65	80.65	90.32	83.87	90.32	96.//	06.77	02 55	× =

K.R. Mangatam University Sohna Road, Gurugram, (Haryana)

K.P. Debigatain Usive Soling read, Gurupi Haryana 1221

COURSE INCHARGE



VALUE ADDED COURSE (VAC) ACADEMIC YEAR 2018-19 COURSE CODE: VAC013

COURSE CODE: VACO13 COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY COURSE OFFERED BY: SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET) LIST OF STUDENTS COMPLETING THE COURSE

Semester
ANT KUMAR B.Tech Civil Semester VAC013
Semester VAC013
13
EXCEL IN ROBOTICS
AND TECHNOLOGY
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)

K.R. Wangalam University



VALUE ADDED COURSE (VAC) ACADEMIC YEAR 2018-19 COURSE CODE: VAC013 COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY

COURSE TITLE: EXCEL IN ROBOTICS AND TECHNOLOGY COURSE OFFERED BY: SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET) LIST OF STUDENTS COMPLETING THE COURSE

SCHOOL OF ENGINEERING VND TECHNOLOGY (SOET)		- VACCEL	מכוווכאנכו ו	ט.וכנוו נשנ	טוועערומועטוו ערווועוא	7000C/7TOT	2010-13	10
מכויסטר כו הואלוואל מואל הרכווואל היים מיים	EXCEL IN BOROTICS AND TECHNOLOGY	VACO13	Semester	R Tach CSE	SHWETANISH VERMA	1817730007	2018-10	70
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOFT)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Tech CSE	RUDRAKSH MISHRA	1812730001	2018-19	77
SCHOOL OF BASIC AND APPLIED SCIENCES (SBAS)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	M.Sc Chem	MONIKA	1803680002	2018-19	76
SCHOOL OF BASIC AND APPLIED SCIENCES (SBAS)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	າs Semester I	M.Sc (H) Maths	MONIKA YADAV	1803600003	2018-19	75
SCHOOL OF BASIC AND APPLIED SCIENCES (SBAS)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Sc (H) Chem	LOKESH	1803100007	2018-19	74
SCHOOL OF BASIC AND APPLIED SCIENCES (SBAS)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Sc (H) Chem	AKSHIMA	1803100002	2018-19	73
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BBA	SHUBHAM SHERAWAT	1802080062	2018-19	72
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BBA	PRIYANSHI GOEL	1802080049	2018-19	71
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BBA	MOHIT GOYAL	1802080035	2018-19	70
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BBA	FIRDOUSH KHAN	1802080022	2018-19	69
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BBA	CHINKESH DAHIYA	1802080020	2018-19	68
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester i	BBA	ANKIT MISHRA	1802080011	2018-19	67
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BBA	AMAL JOHNSON	1802080008	2018-19	66
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BBA	AKSHAT JAIN	1802080007	2018-19	65
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	SHEETAL SINGH	1802070039	2018-19	64
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	\B.Com (H)	SHAILESH KUMAR GUPTA B.Com (H)	1802070038	2018-19	63
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	SANDEEP	1802070036	2018-19	62
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Sernester I	B.Com (H)	NITESH FOGAT	1802070028	2018-19	61
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	NEHA AGGARWAL	1802070026	2018-19	60
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	NANCY	1802070024	2018-19	59
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	GAUTAM SINGLA	1802070012	2018-19	58
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	DHRUVJAIN	1802070011	2018-19	57
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	ANURAG SINGH		2018-19	56
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	AMARJEET	1802070002	2018-19	55
SCOOL OF MANAGEMENT AND COMMERCE (SOMC)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Com (H)	AKASHDEEP SINGH	1802070001	2018-19	54
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Sc. (H) CS	BADAL	- 1	2018-19	53
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	En Semester I	M.Tech Auto E	VISHAL SOLANKI	- 1	2018-19	52
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	ВСА	SHUBHLATA		2018-19	51
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	MEGHA GARHKOTI	_	2018-19	50
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	VIKASH CHAUHAN	_	2018-19	49
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	ВСА	SONU GUPTA		2018-19	48
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	SHAAN MANKASH	1801060007	2018-19	47
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	RITAV TRIPATHI		2018-19	46
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	PRANAY KUMAR TANDONBCA		2018-19	45
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	KESHAV	\rightarrow	2018-19	44
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	KAHKASHA SIDDIQUI	_	2018-19	43
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	ASHUTOSH MAGO	_	2018-19	42
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	BCA	AMAN		2018-19	41
SCHOOL OF ENGINEERING AND TECHNOLOGY (SOET)	EXCEL IN ROBOTICS AND TECHNOLOGY	VAC013	Semester I	B.Tech Civil	AYAN KHAN	1801051008	2018-19	40
SCHOOL	COURSE TITLE	COURSE CODE	SEMESTER	PROGRAMME	NAME	ROLL NO	SESSION	S.NO



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that DIVISHA JAIN, University Enrolment No 1801010009 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester). CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

richajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that DEEPAK KUMAR, University Enrolment No 1801010006 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

Mahajan

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that AYUSH KUMAR, University Enrolment No 1801010005 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

nahajan

Controller of Examination

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

This is to certify that AMIT KUMAR JANGIR, University Enrolment No 1801010003 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

K.R. Mangalam University Sohna Road, Gurugram, (Haryard) Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that AMIT KUMAR, University Enrolment No 1801010001 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester). CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Mahajan

Controller of Examination

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that HARSHITA SINGH, University Enrolment No 1801010011 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Prodistrar

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 This is to certify that ISHIKA PASRICHA, University Enrolment No 1801010013 of (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE Semester). This is to certify that KULDEEP KHANDELWAL, University Enrolment No 1801010016 VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd

Date:20.01.2019

Controller of Examination

Mahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 This is to certify that MOHD EZAZUL HAQ, University Enrolment No 1801010020 of (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar K.R. Mangalam Univ

K.R. Mangatam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that PRADEEP, University Enrolment No 1801010022 of B. Tech CSE Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that SAKSHI RAGHAV, University Enrolment No 1801010030 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

riahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that SHIVANI, University Enrolment No 1801010032 of B.Tech CSE Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

riahajan

Controller of Examination

Registrar Registrar K.R. Mangalam University K.R. Mangalam (Haryar Sohna Road, Gurugram, (Haryar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SHREY BHARDWAJ, University Enrolment No 1801010034 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haisan



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SHUBHAM JASWAL, University Enrolment No 1801010035 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan

Registrar

K.R. Mangalam Unive And Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that PARUL KALRA, University Enrolment No 1801010042 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

richajan

Controller of Examination

Registrar Wangalam Un

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that MOHIT KUMAR YADAV, University Enrolment No 1801010048 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination Mahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryam



This is to certify that SHIVANI SHIKHA, University Enrolment No 1801010052 of B. Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Mahajan

Controller of Examination

Sohna Road, Gurugram, (Hall) K.R. Mangalam University Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SARVESH TIWARI, University Enrolment No 1801011050 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION K. R. MANGALAM UNIVERSITY

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). ME programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that LAKSHAY SETHI, University Enrolment No 1801020003 of B.Tech

Date:20.01.2019

Mahajan

Controller of Examination

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SAURAV VOHRA, University Enrolment No 1801020006 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester). ME programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

nahajan

Controller of Examination

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). ME programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that VISHAL KUMAR, University Enrolment No 1801020007 of B.Tech

Date:20.01.2019

Controller of Examination

nahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

ME programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that SAHIL KUMAR, University Enrolment No 1801020009 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). ME programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that TEJASV SINGH, University Enrolment No 1801020010 of B.Tech

Date:20.01.2019

Controller of Examination

richajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

B.Tech ME programme has successfully qualified VALUE ADDED COURSE VAC013 This is to certify that KHUSHAL SHARMA, University Enrolment No 1801021012 of (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

EEE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that ANKIT YADAV, University Enrolment No 1801030001 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Huryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that AVIRAL SINGHAL, University Enrolment No 1801030002 of B.Tech EEE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan

Registrar
Registrar
Registrar
K.R. Mangalam University
K.R. Mangalam University
Sohna Road, Gurugram, (Huryuna)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that CHETAN, University Enrolment No 1801030004 of B.Tech EEE Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registra

K.R. Wangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that CHETAN BAKSHI, University Enrolment No 1801030005 of B.Tech EEE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

riahajan

Controller of Examination

K.R. Mangalam Unive Registrar

Sohna Road, Gurugrani, (11-11)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

B.Tech EEE programme has successfully qualified VALUE ADDED COURSE VAC013 This is to certify that HARSHIT SHARMA, University Enrolment No 1801030006 of (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

nichajan

Controller of Examination

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). EEE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that MANAV CHUGH, University Enrolment No 1801030007 of B.Tech

Date:20.01.2019

Controller of Examination

Mahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Huryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). EEE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that NIKHIL THAKUR, University Enrolment No 1801030008 of B.Tech

Date:20.01.2019

Controller of Examination

Mahajan

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that MONIKA CHAUDHARY, University Enrolment No 1801030010 of (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester). B.Tech EEE programme has successfully qualified VALUE ADDED COURSE VAC013

Date:20.01.2019

Controller of Examination

Mahajan

Registrar

K.R. Mangalam University
Sohna Road, Gurugram, (Haiyana)



CERTIFICATE OF COMPLETION

(Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester). B.Tech ECE programme has successfully qualified VALUE ADDED COURSE VAC013 This is to certify that NISHIT AGARWAL, University Enrolment No 1801040002 of

Date:20.01.2019

Controller of Examination

riahajan

K.R. Mangalam University Sohna Road, Gurugram, (Haryana) Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that KEWAL GUPTA, University Enrolment No 1801050001 of B.Tech Civil programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

nahajan

Registrar

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that PRASHANT KUMAR, University Enrolment No 1801050002 of B.Tech Civil programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (1744)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SHIVAM SINGH, University Enrolment No 1801050003 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester). Civil programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

nahajan

Registrat

Sohna Road, Gurugram, (and K.R. Mangalam Unive



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that DIGVIJAY JHA, University Enrolment No 1801050004 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester). Civil programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

richajan

Registrar Registrar K.R. Mangalam University Sohna Road, Gurugraffi, (



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that RITIK, University Enrolment No 1801050005 of B. Tech Civil Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

introller of Evaminat

Controller of Examination

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that HARSH AMAN, University Enrolment No 1801051007 of B.Tech Robotics and Technology) during Academic Session 2018-19(Odd Semester). Civil programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

riahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that AYAN KHAN, University Enrolment No 1801051008 of B. Tech Civil

Date:20.01.2019

Controller of Examination

nahajan

Sohna Road, Gurugram, (Haiyand) K.R. Mangalam University Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and This is to certify that AMAN, University Enrolment No 1801060001 of BCA programme has Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Registrar
Registrar
Registrar
Aniversity
K.R. Mangalam University
Sohna Road, Gurugram, (risulyaira)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that ASHUTOSH MAGO, University Enrolment No 1801060002 of BCA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that KAHKASHA SIDDIQUI, University Enrolment No 1801060003 of Robotics and Technology) during Academic Session 2018-19(Odd Semester). BCA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

Mahajan

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and This is to certify that KESHAV, University Enrolment No 1801060004 of BCA programme Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Registrar

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



K. R. MANGALAM UNIVERSITY THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

of BCA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester). This is to certify that PRANAY KUMAR TANDON, University Enrolment No 1801060005

Date:20.01.2019

Controller of Examination

Mahajan

Registrar
Registrar
Aniversity
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that RITAV TRIPATHI, University Enrolment No 1801060006 of BCA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Halywi-)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that SHAAN MANKASH, University Enrolment No 1801060007 of BCA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that SONU GUPTA, University Enrolment No 1801060008 of BCA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

riahajan

Controller of Examination

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that VIKASH CHAUHAN, University Enrolment No 1801060009 of BCA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Registrar

Registrar K.R. Mangalam University Johna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that MEGHA GARHKOTI, University Enrolment No 1801060011 of Robotics and Technology) during Academic Session 2018-19(Odd Semester). BCA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

nahajan

Registrar

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryana)



CERTIFICATE OF COMPLETION

This is to certify that SHUBHLATA, University Enrolment No 1801060012 of BCA Robotics and Technology) during Academic Session 2018-19(Odd Semester). programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

Mahajan

Registrar

K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

Semester). This is to certify that VISHAL SOLANKI, University Enrolment No 1801540003 of VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd M.Tech Auto Eng programme has successfully qualified VALUE ADDED COURSE

Date:20.01.2019

Controller of Examination

richajan

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that BADAL, University Enrolment No 1801720003 of B.Sc. (H) CS Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Registrar K.R. Mangalam University Sohna Road, Gurugram, (Haryana)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

B.Com (H) programme has successfully qualified VALUE ADDED COURSE VAC013 This is to certify that AKASHDEEP SINGH, University Enrolment No 1802070001 of (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar
K.R. Mangalam University
Sohna Road, Gurugram, (Haryand)



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that AMARJEET, University Enrolment No 1802070002 of B.Com (H) Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar Registrar K.R. Mangalam University K.R. Mangalam, (Haryana,



CERTIFICATE OF COMPLETION

This is to certify that ANURAG SINGH, University Enrolment No 1802070006 of B.Com Robotics and Technology) during Academic Session 2018-19(Odd Semester). (H) programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

richajan

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University 4= Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that DHRUV JAIN, University Enrolment No 1802070011 of B.Com (H) programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that GAUTAM SINGLA, University Enrolment No 1802070012 of B.Com Robotics and Technology) during Academic Session 2018-19(Odd Semester). (H) programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

riahajan



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that NANCY, University Enrolment No 1802070024 of B.Com (H) Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan



CERTIFICATE OF COMPLETION

This is to certify that NEHA AGGARWAL, University Enrolment No 1802070026 of (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester). B.Com (H) programme has successfully qualified VALUE ADDED COURSE VAC013

Date:20.01.2019

Controller of Examination

riahajan

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that NITESH FOGAT, University Enrolment No 1802070028 of B.Com (H) programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar Registrar Univ



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SANDEEP, University Enrolment No 1802070036 of B.Com (H) programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Registrar



CERTIFICATE OF COMPLETION

of B.Com (H) programme has successfully qualified VALUE ADDED COURSE VAC013 This is to certify that SHAILESH KUMAR GUPTA, University Enrolment No 1802070038 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SHEETAL SINGH, University Enrolment No 1802070039 of B.Com (H) programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that AKSHAT JAIN, University Enrolment No 1802080007 of BBA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that AMAL JOHNSON, University Enrolment No 1802080008 of BBA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Registrar

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that ANKIT MISHRA, University Enrolment No 1802080011 of BBA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that CHINKESH DAHIYA, University Enrolment No 1802080020 of Robotics and Technology) during Academic Session 2018-19(Odd Semester). BBA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

richajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that FIRDOUSH KHAN, University Enrolment No 1802080022 of BBA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that MOHIT GOYAL, University Enrolment No 1802080035 of BBA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that PRIYANSHI GOEL, University Enrolment No 1802080049 of BBA Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that SHUBHAM SHERAWAT, University Enrolment No 1802080062 of Robotics and Technology) during Academic Session 2018-19(Odd Semester). BBA programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in

Date:20.01.2019

Controller of Examination

riahajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in This is to certify that AKSHIMA, University Enrolment No 1803100002 of B.Sc (H) Chem Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that LOKESH, University Enrolment No 1803100007 of B.Sc (H) Chem programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

Mahajan

Registrar



CERTIFICATE OF COMPLETION

This is to certify that MONIKA YADAV, University Enrolment No 1803600003 of M.Sc (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester). (H) Maths programme has successfully qualified VALUE ADDED COURSE VAC013

Date:20.01.2019

niahajan .

Controller of Examination

e1



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that MONIKA, University Enrolment No 1803680002 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

nahajan



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that RUDRAKSH MISHRA, University Enrolment No 1812730001 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

riahajan

Registrar

Sohna Road, Gurugram, (Haryana) K.R. Mangalam University



THE COMPLETE WORLD OF EDUCATION

CERTIFICATE OF COMPLETION

This is to certify that RUDRAKSH MISHRA, University Enrolment No 1812730001 of B.Tech CSE programme has successfully qualified VALUE ADDED COURSE VAC013 (Excel in Robotics and Technology) during Academic Session 2018-19(Odd Semester).

Date:20.01.2019

Controller of Examination

richajan

Registrar Registrar