

### Kakatiya Institute of Technology & Science

(An Autonomous Institute under Kakatiya University , Waxangal) (Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY) Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA. काकृतीय प्रेद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०९५

కాకతీయ సాంకేతిక విజాన శాస్త్ర విద్యాలయం, వరంగల్ – గం౬ ంది

website: www.kitsw.ac.in

E-mail: principal@kitsw.ac.ir

(i): +91 9392055211. +91 7382564888

### VISION OF THE INSTITUTE

• To make our students technologically superior and ethically strong by providing quality education with the help of our dedicated faculty and staff and thus improve the quality of human life

### MISSION OF THE INSTITUTE

- To provide latest technical knowledge, analytical and practical skills, managerial competence and interactive abilities to students, so that their employability is enhanced
- To provide a strong human resource base for catering to the changing needs of the Industry and Commerce
- To inculcate a sense of brotherhood and national integrity

### DEPARTMENT OF CIVIL ENGINEERING

#### VISION OF THE DEPARTMENT

• The Vision of the department is to become a leading centre of excellence in producing quality human resource in civil engineering by developing a sustainable technical education system to meet the changing technological needs of the Country. The Department will make significant contributions to the economic development of the state, region and nation.

### MISSION OF THE DEPARTMENT

- The Mission of Civil Engineering Department is to produce outstanding Civil Engineering graduates with highest ethics.
- To impart quality education in civil engineering to raise satisfaction Level of all Stake holders.
- To serve society and the nation by providing professional civil Engineering Leadership to find solution to community, regional and Global problems and accept new challenges in rapidly changing Technology.

PROGRAM	PROGRAM EDUCATIONAL OBJECTIVES (PEOs)												
UG - CIVIL ENGINEERING - CE													
PROGRAM EDUCATIONAL Within first few years after graduation, the CIVIL													
OBJECTIVES (PEOs) ENGINEERING graduates will be able to													
PEO1:	Demonstrate professional competency in varied fields of engineering												
Technical Expertise	industry and/or pursue higher education by nourishing mathematical												
	scientific and engineering precepts.												
PEO2:	Investigate, analyze and design solutions to complex civil engineering												
Successful Career	problems ensuring safety, sustainability and ecological harmony.												

PEO3:	Exhibit	professionalism	bу	transferri	ing latest	technolog	gy and
Soft Skills and	understa	nding societal imp	pacts	to protect in	nterests of t	the public a	t large.
Professionalism							
PEO4:	Develop	competence by	engag	ging in lij	felong lear	ning, in c	order to
Life Long Learning	integrate	ethics, economics	and a	equity.			

PROGRAM O	UTCOMES (POs) & PROGRAM SPECIFIC OUTCOMES (PSOs)
	UG - CIVIL ENGINEERING - CE
PROGRAM	At the time of graduation, the CIVIL ENGINEERING graduates will be
OUTCOMES (POs)	able to
PO1: Engineering knowledge	apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems
PO2: Problem	identify, formulate, review research literature, and analyze complex engineering problems
analysis	reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences
PO3:Design/develop ment of solutions	design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental Considerations
PO4: Conduct	use research-based knowledge and research methods including design of experiments,
investigations of	analysis and interpretation of data, and synthesis of the information to provide valid
complex problems	conclusions
PO5: Modern tool	create, select, and apply appropriate techniques, resources, and modern engineering and IT
usage	tools including prediction and modeling to complex engineering activities with an understanding of the limitations
PO6:The engineer	apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal
and society	and cultural issues and the consequent responsibilities relevant to the professional engineering practice
PO7:Environment	understand the impact of the professional engineering solutions in societal and
and sustainability	environmental contexts, demonstrate the knowledge of, and need for sustainable development
PO8:Ethics	apply ethical principles and commit to professional ethics, responsibilities, and norms of the engineering practice
PO9:Individual and	function effectively as an individual, and as a member or leader in diverse teams, and in
team work	multidisciplinary settings
PO10:Communication	communicate effectively on complex engineering activities with the engineering community
	and with society at large, such as, being able to comprehend and write effective reports and
	design documentation, make effective presentations, and give and receive clear instructions
PO11:Project	demonstrate knowledge and understanding of the engineering and management principles
management and	and apply these to one's own work, as a member and leader in a team, to manage projects
finance	and in multidisciplinary environments
PO12:Life-long	recognize the need for, and have the preparation and ability to engage in independent and
learning	life-long learning in the broadest context of technological change
PROGRAM SPECIFI	C OUTCOMES (PSOs):
PSO1	Apply fundamental computational methods and elementary analytical techniques in
	sub-disciplines related to civil engineering

PSO2	Design civil engineering structures, component or process to meet desired needs with appropriate consideration for the public health and safety, cultural, societal, sustainability and environmental considerations
PSO3	Appreciate professional and ethical responsibility concerning legal, contemporary, environmental & cultural issues and consequent responsibilities relevant to the professional engineering practices and norms of civil engineering practice code
PSO4	Appreciate the role of research in civil engineering practice and recognize the need for and to engage in life-long learning in civil engineering and allied domains as relevant to rapidly changing technology

### KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE: WARANGAL-15

(An Autonomous Institute under Kakatiya University, Warangal)

### SCHEME OF INSTRUCTIONS & EVALUATION FOR B.TECH. 4-YEAR DEGREE PROGRAMME

BRANCH: B.Tech. - CE / EIE / EEE / ECE (Stream - II)

**SEMESTER: FIRST** 

S1.No	Course	Course		Pe	riods/w	veek	Credits		Eval	uation S	cheme	
	Category	Code	Course Name	т	J	P	C		CIE	ESE	Total	
				L	1	r		TA	MSE	Total		Marks
1	BSC	U18MH101	Engineering Mathematics – I	3	1	-	4	10	30	40	60	100
2	ESC	U18CS102	Programming for Problem Solving using C	3	1	1	3	10	30	40	60	100
3	BSC	U18CH103	Engineering Chemistry	3	1	ı	4	10	30	40	60	100
4	ESC	U18ME104	Engineering Drawing	2	1	4	4	10	30	40	60	100
5	ESC	U18CE105	Engineering Mechanics	3	1	ı	4	10	30	40	60	100
6	ESC	U18CS107	Programming for Problem Solving using C Laboratory	-	1	2	1	40	-	40	60	100
7	BSC	U18CH108	Engineering Chemistry Laboratory	•	1	2	1	40	-	40	60	100
8	MC	U18CH109	Environmental Studies*	2	1	ı	-	10	30	40	60	100
9	MC	U18EA110	EAA*: Sports/Yoga/NSS	•	1	2		100	-	100	-	100
10	MC	U18MH111	Universal Human Values - I (Induction Programme)	-	-	-	-	-	-	-	-	-
			Total	16	3	10	21	240	180	420	480	900

Note: L - Lectures; T - Tutorials; P - Practicals; CIE- Continuous Internal Evaluation; TA - Teachers Assessment;

MSE - Mid Semester Examination; ESE- End Semester Examination; EAA - Extra Academic Activity;

\* indicates mandatory non-credit course

Student Contact Hours / Week : 29 (periods/week)

Total Credits (C) : 21 Credits

### KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE: WARANGAL-15

(An Autonomous Institute under Kakatiya University, Warangal)

### SCHEME OF INSTRUCTIONS & EVALUATION FOR B.TECH. 4-YEAR DEGREE PROGRAMME

BRANCH : B.Tech. - CE / EIE / EEE / ECE (Stream - II)

**SEMESTER: SECOND** 

Sl. No	Course	Course	Course Name	Perio	ods/w	eek	Credits		30 40 30 40 30 40 30 40 30 40 - 40 - 40 - 40 - 100		heme	
	Category	Code		т	T	ъ	C		CIE		ECE	Total
				L	1	Р	C	TA	MSE	Total	ESE	Marks
1	BSC	U18MH201	Engineering Mathematics – II	3	1	-	4	10	30	40	60	100
2	ESC	U18CS202	Data Structures through C	3	-	-	3	10	30	40	60	100
3	BSC	U18PH203	Engineering Physics	3	1	-	4	10	30	40	60	100
4	HSMC	U18MH204	English for Communication	2	-	2	3	10	30	40	60	100
5	ESC	U18EE205	Basic Electrical Engineering	3	1	-	4	10	30	40	60	100
6	ESC	U18EE206	Basic Electrical Engineering Laboratory	-	-	2	1	40	-	40	60	100
7	ESC	U18CS207	Data Structures through C Laboratory	-	-	2	1	40	-	40	60	100
8	BSC	U18PH208	Engineering Physics Laboratory	-	-	2	1	40	-	40	60	100
9	ESC	U18ME209	Workshop Practice	-	-	2	1	40	-	40	60	100
10	MC	U18EA210	EAA*: Sports/Yoga/NSS	-	-	2	-	100	-	100	-	100
			Total	14	3	12	22	310	150	460	540	1000

*Note*: L - Lectures; T - Tutorials; P - Practicals; CIE - Continuous Internal Evaluation; TA - Teachers Assessment; *MSE* - Mid Semester Examination; ESE - End Semester Examination; EAA - Extra Academic Activity;

\* indicates mandatory non-credit course

Student Contact Hours / Week : 29 (periods/week)
Total Credits (C) : 22 Credits

### KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL

(An Autonomous Institute under Kakatiya University, Warangal)

# DEPARTMENT OF CIVIL ENGINEERING SCHEME OF INSTRUCTION & EVALUATION III SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAMME

S1.	_			Per	iods/v	P         C         Evaluation series           -         4         10         30         40           -         4         10         30         40           -         3         10         -         100           -         3         10         30         40           -         3         10         30         40           -         3         10         30         40           -         3         10         30         40           -         3         10         30         40           -         3         10         30         40           -         3         10         30         40           -         40         -         40           -         40         -         40           -         40         -         40	scheme					
No	Category	Course Code	Course Title	т	Т	D	C		CIE		ESE	Total
				L	1	Г	C	TA	MSE	Total		Marks
1	BSC	U18MH301	Engineering Mathematics - III	3	1	-	4	10	30	40	60	100
2	HSMC	U18TP302	Soft & Interpersonal Skills	-	-	2	1	100	-	100	-	100
3	OE	U18OE303	Open Elective-I	3	-	-	3	10	30	40	60	100
4	PCC	U18CE304	Fluid Mechanics	3	-	-	3	10	30	40	60	100
5	PCC	U18CE305	Surveying	3	-	-	3	10	30	40	60	100
6	PCC	U18CE306	Construction Materials	3	-	-	3	10	30	40	60	100
7	PCC	U18CE307	Concrete Technology Laboratory	-	-	2	1	40	-	40	60	100
8	PCC	U18CE308	Surveying Field Work-I	-	-	2	1	40	-	40	60	100
9	OE	U18OE311	Open Elective-I based Laboratory	-	-	2	1	40	-	40	60	100
			Total	15	1	8	20	270	150	420	480	900

[L= Lecture, T = Tutorials, P = Practicals& C = Credits] Stream-I CSE,IT,ME

Stream-II EEE, ECE, EIE,CE

**Total Contact Periods/Week:24** 

**Total Credits:20** 

### Open Elective-I:

U18OE303A: Object Oriented Programming (CSE)

U18OE303B: Fluid Mechanics & HydraulicMachines (CE)

U18OE303C: Fundamentals of Mechatronics (ME)

U18OE303D: Web Programming (IT) U18OE303E: Microprocessors (ECE) U18OE303F: Strength of Materials (CE)

#### Open Elective-I based Lab:

U18OE311A: Object OrientedProgramming Lab (CSE)

U18OE311B: Fluid Mechanics & Hydraulic Machines Lab (CE)

U18OE311C: Mechatronics Lab (ME) U18OE311D: Web Programming Lab (IT) U18OE311E: Microprocessors Lab (ECE) U18OE311F: Strength of Materials Lab(CE)

### KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL

(An Autonomous Institute under Kakatiya University, Warangal)

# DEPARTMENT OF CIVIL ENGINEERING SCHEME OF INSTRUCTION & EVALUATION IV SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAMME

S1.				Peri	ods/v	week	Credits		Eva	luation schem	ne	
No	Category	Course Code	Course Title	т	Т	Р	С			IE	ESE	Total
140				L	1	1	C	TA	MSE	Total		Marks
1	OE	U18OE401	Open Elective-II	3	1	-	4	10	30	40	60	100
2	HSMC	U18MH402	Professional English	-	-	2	1	100	-	100	-	100
3	PCC	U18CE403	Mechanics of Materials	3	1	1	4	10	30	40	60	100
4	PCC	U18CE404	Hydraulics Engineering	3	-	ı	3	10	30	40	60	100
5	PCC	U18CE405	Design of Reinforced Concrete Structures	3	1	ı	4	10	30	40	60	100
6	PCC	U18CE406	Engineering Geology	3	-	-	3	10	30	40	60	100
7	PCC	U18CE407	Hydraulic and Hydraulic Machinery Laboratory	1	-	2	1	40	ı	40	60	100
8	PCC	U18CE408	Engineering Geology Laboratory	-	-	2	1	40	-	40	60	100
9	PCC	U18CE409	Surveying Field Work-II	-	-	2	1	40	-	40	60	100
10	MC	U18MH415	Essence of Indian Traditional Knowledge	2	-	ı	-	10	30	40	60	100
			Total:	17	3	8	22	280	180	460	540	900
11	MC	U18CH416	Environmental Studies*	2	-	1	-	10	30	40	60	100

[L= Lecture, T = Tutorials, P = Practicals& C = Credits]

Stream-I: CSE, CSN, IT, ME

Stream-II: EEE, ECE, EIE, CE, ECI

**Total Contact Periods/Week: 28** 

**Total Credits: 22** 

\*For Lateral entry students only

### **Open Elective-II:**

U18OE401A: Applicable Mathematics (MH)

U18OE401B: Basic Electronics Engineering (ECE)

U18OE401C: Elements of Mechanical Engineering (ME) U18OE401D: Measurements & Instrumentation (EIE)

U18OE401E: Computer Networks (IT)

U18OE401F: Renewable Energy Sources (EEE)

### KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL

(An Autonomous Institute under Kakatiya University, Warangal)

# DEPARTMENT OF CIVIL ENGINEERING SCHEME OF INSTRUCTION & EVALUATION V SEMESTER OF 4-YEAR B.TECH DEGREE PROGRAMME

				Peri	ods/	week	Credits		Evalu	ation S	Scheme	9
Sl. No	Category	Course Code	Course Title	т	Т	P	С		CIE		ESE	Total
				L	1	1	C	TA	MSE	Total		Marks
1	MC	U18MH501	Universal Human Values - II*	2	-	1	-	10	30	40	60	100
2	PE	U18CE502	Professional Elective – I / MOOC-I	3	ı	1	3	10	30	40	60	100
3	PCC	U18CE503	Structural Analysis	3	1	ı	3	10	30	40	60	100
4	PCC	U18CE504	Environmental Engineering	3	ı	1	3	10	30	40	60	100
5	PCC	U18CE505	Soil Mechanics	3	ı	ı	3	10	30	40	60	100
6	PCC	U18CE506	Design of Steel Structures	3	ı	ı	3	10	30	40	60	100
7	PCC	U18CE507	Environmental Engineering Laboratory	-	-	2	1	40	1	40	60	100
8	PCC	U18CE508	Soil Mechanics Laboratory	ı	ı	2	1	40	1	40	60	100
9	PCC	U18CE509	Building Planning and Drawing Laboratory	-	-	2	1	40	-	40	60	100
10	PROJ	U18CE510	Seminar	-	-	2	1	100	-	100		100
			Total	17	•	8	19	280	180	460	540	1000
Additi	onal Learnii	ıg*:Maximum c	redits allowed for Honours/Minor	-	-	1	7	-	-	-	-	-
Total c	redits for H	onours/Minor	students:				19+7	9+7				

• List of courses for additional learning through MOOCs towards Honours/Minor in Engineering shall be prescribed by the department under Honours/Minor Curricula

[L= Lecture, T = Tutorials, P = Practical's & C = Credits]

**Total Contact Periods/Week: 25** 

**Professional Elective-I/MOOC-I:** 

U18CE502A: Advanced Concrete Technology

U18CE502B: Advanced Surveying U18CE502C: Water shed Management

U18CE502M: MOOCs

### URR18 - R22

### KAKATIYAINSTITUTEOFTECHNOLOGY&SCIENCE,WARANGAL

(An Autonomous Institute under Kakatiya University, Warangal)

### DEPARTMENTOFCIVILENGINEERING SCHEMEOFINSTRUCTION&EVALUATION VI SEMESTEROF4-YEARB.TECHDEGREEPROGRAMME

### VI - Semester (New Proposal)

				Per	iods/w	eek	Credits		Eval	uationS	Schem	e
Sl.No	Category	CourseCode	CourseTitle	T	Т	P	С		CIE		ESE	Total
				L	1	P	C	TA	MSE	Total	ESE N	Marks
1	HSMC	U18TP601	QuantitativeAptitude&LogicalReasoning	2	-	-	1	10	30	40	60	100
2	ESC	U18CS611	Advance Data Structures	3	-	-	3	10	30	40	60	100
3	PE	U18CE603	ProfessionalElective-II/MOOC-II	3	-	-	3	10	30	40	60	100
4	PCC	U18CE604	Estimation and Valuation	1	2	-	3	10	30	40	60	100
5	PCC	U18CE605	Hydrology andWater Resources Engineering	3	-	-	3	10	30	40	60	100
6	PCC	U18CE606	ConstructionManagementandEquipment	3	-	-	3	10	30	40	60	100
7	ESC	U18IT611	ObjectOrientedProgrammingthrough JAVA	3	-	-	3	10	30	40	60	100
8	PCC	U18CE607	StructuralEngineeringDetailingLaboratory	-	-	2	1	40	-	40	60	100
9	ESC	U18IT612	JAVAProgrammingLaboratory	-	-	2	1	40	-	40	60	100
10	ESC	U18CS612	Advance Data Structures Lab	-	-	2	1	40	-	40	60	100
11	PROJ	U18CE608	MiniProject	-	-	2	1	100	-	100		100
			Total	18	2	8	23	250	210	460	540	1000
Additio	onal Learni	i <b>ng*:</b> Maximum	credits allowed for Honours /Minor	-	_	-	7	-	-	-	-	-
			Total credits for Honours/Minor students:	-	-	_	23+7	-	-	-	-	-

 $\bullet \quad List of courses for additional learning through \textbf{MOOCs} towards Honours/Minor in Engineerings hall be prescribed by the department under Honours/Minor Curricula and the following through the department of the depa$ 

[L=Lecture,T=Tutorials,P= Practical's& C=Credits] TotalContactPeriods/Week:27

Professional Elective-II / MOOC-II	U18CE603C: Advanced Environmental Engineering
U18CE603A: Advanced Analysis of Structures	U18CE603M: MOOCs
U18CE603B: Ground Improvement Techniques	

### KAKATIYAINSTITUTEOFTECHNOLOGY&SCIENCE,WARANGAL

(An Autonomous Institute under Kakatiya University, Warangal)

### DEPARTMENTOFCIVILENGINEERING SCHEMEOFINSTRUCTION&EVALUATION VII SEMESTEROF4-YEARB.TECHDEGREEPROGRAMME

## VII- Semester (New Proposal)

				Pe	riods/w	eek	Credits		Ev	aluatio	onScheme		
Sl.No	Category	CourseCode	CourseTitle	т	т	P	С		CIE		ESE	TotalMarks	
				L	1	P	C	TA	MSE	Total	ESE		
1	OE	U180E701	OpenElective-III	3	-	-	3	10	30	40	60	100	
2	PE	U18CE702	ProfessionalElective-III/MOOC-III	3	-	-	3	10	30	40	60	100	
3	PE	U18CE703	ProfessionalElective-IV/MOOC-IV	3	-	-	3	10	30	40	60	100	
4	PCC	U18CE704	HighwayEngineering	3	-	-	3	10	30	40	60	100	
5	PCC	U18CE705	HighwayEngineeringLaboratory	-	-	2	1	40	-	40	60	100	
6	PCC	U18CE706	CivilEngineeringSoftware ApplicationsLaboratory	-	-	2	1	40	-	40	60	100	
7	PROJ	U18CE707	MajorProject-Phase–I	-	-	6	3	100	-	100	-	100	
8	MC	U18CE708	InternshipEvaluation*	-	-	2	-	100	-	100	-	100	
			Total	12	-	12	17	320	120	440	360	800	
Additio	onalLearni	ng*:Maximumo	reditsallowedforHonours/Minor	-	_	-	7	-	-	-	-	-	
		To	talcreditsforHonours/Minorstudents:	-	-	-	17+7	_	-	-	-	-	

 $<sup>\</sup>bullet \quad List of courses for additional learning through \textbf{MOOCs} towards Honours/Minor in Engineering shall be prescribed by the department under Honours/Minor Curricula and the following through the department of the department o$ 

### [L=Lecture,T=Tutorials,P= Practical's& C=Credits]

# TotalContactPeriods/Week:24

OpenElective-III:	ProfessionalElective-III/MOOC-III:	ProfessionalElective-IV/MOOC-IV:
U180E701A:DisasterManagement	U18CE702A: AdvancedStructuralDesign	U18CE703A: Structural Dynamics
U180E701B: Project Management	U18CE702B:HydraulicStructures	U18CE703B: Foundation Engineering
U180E701C:ProfessionalEthicsinEngineering	U18CE702C:SustainableMaterialsandGreenBuildings	U18CE703C:RepairandRehabilitationofStructures
U180E701D:Management Economics and Accountancy	U18CE702M:MOOCs	U18CE703M:MOOCs

## KAKATIYAINSTITUTEOFTECHNOLOGY&SCIENCE,WARANGAL

(An Autonomous Institute under Kakatiya University, Warangal)

# DEPARTMENTOF CIVILENGINEERING SCHEMEOFINSTRUCTION&EVALUATION

### VIII SEMESTEROF4-YEARB.TECHDEGREEPROGRAMME

			CourseTitle		Periods/week Cre		Credits	EvaluationScheme				
Sl.No	Category	CourseCode			Т	P	С	CI E			ESE	Total Marks
								TA	MS E	Total		
1	PE	U18CE801	ProfessionalElective-V/MOOC-V	3	-	-	3	10	30	40	60	100
2	PE	U18CE802	ProfessionalElective-VI/MOOC-VI	3	-	-	3	10	30	40	60	100
3	OE	U18OE803	OpenElective-IV / MOOC-VII	3	-	-	3	10	30	40	60	100
4	PROJ	U18CE804	MajorProject-Phase-II	-	-	14	7	40	-	40	60	100
Total:		9	-	14	16	70	90	160	240	400		
AdditionalLearning*:MaximumcreditsallowedforHonours/Minor		-	-	-	7	-	-	-	-	-		
TotalcreditsforHonours/Minorstudents:		ı	-	-	16+7	-	1	-	-	-		

 $<sup>\</sup>bullet \quad List of courses for additional learning through \textbf{MOOCs} towards Honours/Minor in Engineering shall be prescribed by the department under Honours/Minor Curricula$ 

### [L=Lecture,T=Tutorials,P=Practical's&C=Credits]

### TotalContactPeriods/Week:23

TotalCredits:16

ProfessionalElective-V/MOOC-V: U18CE801A:PrestressedConcrete U18CE801B:RailwayandAirportEngineering U18CE801C: Construction Contracts Management	ProfessionalElective-VI/MOOC-VI: U18CE802A:EarthquakeResistantDesignof Structures U18CE802B:EarthRetainingStructures	OpenElective-IV/MOOC-VII: U18OE803A:OperationsResearch U18OE803B:ManagementInformation SystemsU18OE803C: Entrepreneurship
U18CE801M:MOOCs	U18CE802C: Bridge Engineering U18CE802M:MOOCs	DevelopmentU18OE803D:ForexandForeignTrade U18OE803M:MOOCs