

Rama University Uttar Pradesh, Kanpur

Ref: RU/FET/CED/BOS/2018

Dated: 27/05/2018

Faculty of Engineering & Technology
Department of Civil Engineering
Minutes of Meeting
Boards of Studies

A meeting of Boards of Studies of Civil Engineering, FET was held on 25/05/2018 (Saturday) at 2:30 PM in conference room of FET. The following members were present:

- | | |
|--------------------------|-------------------|
| 1. Mr. Satish Parihar | - Chairperson |
| 2. Mr. Satyaveer Singh | - Member |
| 3. Dr. Vinod Kumar Yadav | - Member |
| 4. Prof. Pradeep Kumar | - External Member |
| 5. Dr. Santosh Kumar | - External Member |

Agenda:

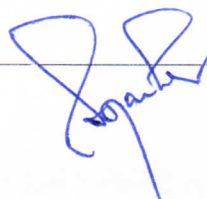
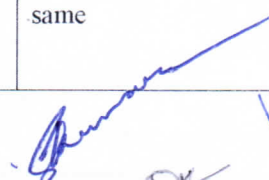
1. **Action Taken Report (ATR) on Minutes of Previous Meeting.**

The BOS committee reviewed and confirmed the minutes of the BOS meeting held on 08/06/2017.

2. To consider and approve new Evaluation Scheme and Syllabus.

S. No.	Item No.	Existing	Recommendation /Action Taken	
1	To consider and approve the changes in Evaluation Scheme and Syllabus for B.Tech. students to be admitted in the Academic Session 2018-19.	The Subject code and Syllabus of the following changes from the existing Evaluation Scheme and Syllabus as	The BOS considered changes in the Evaluation Scheme and Syllabus and thereafter discussion, recommended such changes in Evaluation Scheme and Syllabus	
		Existing		Proposed
		Semester III :		
		BCE-304-Surveying-I		BCE-304-Surveying
2	To consider and approve Evaluation Scheme and Syllabus of Short Term Courses for B.Tech. students, namely Building Estimation, Construction Supervision and Quality Control in Civil Engineering	BCE-354-Surveying-I Lab	BCE-354-Surveying Lab	
		BCE-356-Building Planning & Drawing	BCE-355-Building Planning & Drawing	
		The BOS considered suggestions for the Evaluation Scheme and Syllabus and thereafter discussion, recommended the same	

Satyaveer



3. To consider the proposed introduction of CBCS based curriculum along with its Evaluation Scheme and Syllabus in B.Tech. in concurrence with Model Curriculum released by AICTE

The board approved the review committee for considering the **proposed introduction of CBCS based curriculum along with its Evaluation Scheme and Syllabus in B.Tech. in concurrence with Model Curriculum released by AICTE and new Short term Courses**

A committee of Mr. C.K.Jha, Mr.C.P.Maurya and Ms, Rati Bajpai (External member) was constituted in this connection.

The meeting concluded with a vote of thanks to the chair.

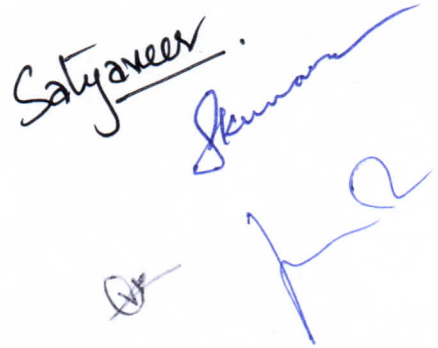
Date of the Next Meeting: to be decided and intimated thereafter


(Chairman)

Encl.: Recommended Curricula attached for consideration and approval.

CC:

1. Dean, FET
2. Registrar Office


Satyaveer
Jagan
K



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Faculty of Engineering and Technology

Department of Civil Engineering

Course: Bachelor of Technology (CE)

Report on Feedback on Curriculum by Stakeholders (2018-2019)

- The external experts reviewed the syllabus through mail and suggested that course content of Surveying and Surveying Lab for Semester III may be considered for updating.
- The alumni also informed and recommended latest and emerging trends in Surveying in the field of Civil Engineering in execution for consideration .
- The faculty suggested use of latest and updated version of Survey technology being used in the field of Civil Engineering.

BoS Chairman

Dean/Principal



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Faculty of Engineering and Technology

Department of Civil Engineering

Course: Bachelor of Technology (CE)

Action Taken Report based on Feedback at BoS held on 25.05.2018

- The syllabus was reviewed and revised accordingly.
- The emphasis on survey camps to aware students of latest and updated version of Survey technology being used in the field of Civil Engineering.
- Use of latest and updated version of Survey technology being used in the field of Civil Engineering was encouraged with update in the syllabus.

BoS Chairman

Dean/Principal



Evaluation Scheme & Syllabus for B. Tech. (Civil Engineering)

(Effective from the Session: 2018-19)

Satyaveer

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SEMESTER-I

S. N.	Subject Code	Name of the Subject	Periods			Evaluation Scheme			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECT										
1	BAS -103	Engineering Mathematics-I	3	1	0	20	20	60	100	4
2	BEC-101/ BCS -101	Basic Electronics Engineering/ Computer System and Programming in C	3	1	0	20	20	60	100	4
3	BAS-102/ BAS-104	Engineering Chemistry/ Professional Communication	3	1	0	20	20	60	100	4
4	BEE-101/ BME-102	Basic Electrical Engineering / Engineering Mechanics	3	1	0	20	20	60	100	4
5	BAS-101	Engineering Physics-I	3	1	0	20	20	60	100	4
6	BME-101/ BAS-105	Basic Manufacturing Processes/ Environment & Ecology	3	1	0	20	20	60	100	4
PRACTICAL/DESIGN/DRAWING										
7	BAS-152/ BAS-154	Engineering Chemistry Lab/ Professional Communication Lab	0	0	2	30	20	50	100	1
8	BEE-151/ BME-152	Basic Electrical & Electronics Engineering Lab/ Engineering	0	0	2	30	20	50	100	1
9	BWS-151/ BCE-151	Workshop Practice/ Basic Engineering Drawing	0	0	3	30	20	50	100	1
10	BAS-151/ BCS-151	Engineering Physics Lab/ Computer Programming Lab	0	0	2	30	20	50	100	1
TOTAL			18	4	9	240	200	560	1000	28

Convener

Signature:

Name : **Satish Parshuram**

Date :

Internal Members

Signature: 1.

Name: **Dr. Vinod Kumar Yadav**

Date:

Signature: 2.

Name: **Satyaveer Singh**

External Members

Signature: 1.

Name:

Date:

Dr. Pradeep Kumar

Signature: 2.

Dr. Santosh Kumar

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SEMESTER-II

S. N.	Subject Code	Name of the Subject	Periods			Evaluation			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECT										
1	BAS -203	Engineering Mathematics-II	3	1	0	20	20	60	100	4
2	BEC-201/ BCS -201	Basic Electronics Engineering/ Computer System and Programming in C	3	1	0	20	20	60	100	4
3	BAS-202/ BAS-204	Engineering Chemistry/ Professional Communication	3	1	0	20	20	60	100	4
4	BEE-201/ BME-202	Basic Electrical Engineering / Engineering Mechanics	3	1	0	20	20	60	100	4
5	BAS-201	Engineering Physics-II	3	1	0	20	20	60	100	4
6	BME-201/ BAS-205	Basic Manufacturing Processes/ Environment & Ecology	3	1	0	20	20	60	100	4
PRACTICAL/DESIGN/DRAWING										
7	BAS-252/ BAS-254	Engineering Chemistry Lab/ Professional Communication Lab	0	0	2	30	20	50	100	1
8	BEE-251/ BME-252	Basic Electrical & Electronics Engineering Lab/ Engineering Mechanics Lab	0	0	2	30	20	50	100	1
9	BWS-251/ BCE-251	Workshop Practice/ Basic Engineering Drawing	0	0	3	30	20	50	100	1
10	BAS-251/ BCS-251	Engineering Physics Lab/ Computer Programming Lab	0	0	2	30	20	50	100	1
TOTAL			18	4	9	240	200	560	1000	28

Convener

Signature:

Name :

Date :

Satis

Satis Parikh

Internal Members

Signature: 1.....

Name:

Date:

Dr. Vinod Kumar Yadav

2.....

Satyaveer
Satyaveer Singh

External Members

Signature: 1.....

Name:

Date:

Dr. Pradeep Kumar

2.....

Dr. Santosh Kumar

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SEMESTER-III

S. N.	Subject Code	Name of the Subject	Periods			Evaluation			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECTS										
1	BME-302	Strength of Material	3	1	0	20	20	60	100	4
2	BCE-302	Fluid Mechanics	3	1	0	20	20	60	100	4
3	BCE-303	Building Materials & Construction	3	1	0	20	20	60	100	4
4	BCE-304	Surveying	3	1	0	20	20	60	100	4
5	BAS-301	Mathematics III	3	1	0	20	20	60	100	4
PRACTICAL SUBJECTS										
7	BCE-352	Fluid Mechanics Lab	0	0	2	30	20	50	100	1
8	BCE-353	Building Materials Lab	0	0	2	30	20	50	100	1
9	BCE-354	Surveying Lab	0	0	2	30	20	50	100	1
10	BCE-355	Building Planning & Drawing Lab	0	0	2	30	20	50	100	1
TOTAL			15	5	8	240	200	560	1000	28

Convener

Signature:

Name :

Date :

S. Parkh

Satis Parkh

Internal Members

Signature: 1.....

Name:

Date:

Dr. Vinod Kumar Yadav

2.....

Satyaveer

Satyaveer Singh

External Members

Signature: 1.....

Name:

Date:

Pradeep Kumar

Dr. Pradeep Kumar

2.....

Santosh Kumar

Dr. Santosh Kumar

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SEMESTER-IV

S. N.	Subject Code	Name of the Subject	Periods			Evaluation			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECTS										
1	BCE-401	Structural Analysis –I	3	1	0	20	20	60	100	4
2	BCE-402	Hydraulics & Hydraulic Machines	3	1	0	20	20	60	100	4
3	BCE-403	Engineering Geology	3	1	0	20	20	60	100	4
4	BCE-404	Geo-informatics	3	1	0	20	20	60	100	4
5	BCE-405-408	*Departmental Elective-I	3	1	0	20	20	60	100	4
PRACTICAL SUBJECTS										
7	BCE-451	Structural Analysis Lab	0	0	2	30	20	50	100	1
8	BCE-452	Geoinformatics Lab	0	0	2	30	20	50	100	1
9	BCE-453	Hydraulics & Hydraulic M/cs Lab	0	0	2	30	20	50	100	1
10	BCE-454	CBSNT Lab	0	0	2	30	20	50	100	1
TOTAL			15	5	8	220	180	500	900	24

Convener

Signature:

Name :

Date :

Satish Parikh
Signature:

Internal Members

Signature: 1.....

Name:

Date:

Dr. Vinod Kumar Yadav
Signature:

2.....

Satyaveer Singh
Signature:

External Members

Signature: 1.....

Name:

Date:

Dr. Pradeep Kumar
Signature:

2.....

Dr. Santosh Kumar
Signature:

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SEMESTER-V

S. N.	Subject Code	Name of the Subject	Periods			Evaluation			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECTS										
1	BCE-501	Geotechnical Engineering	3	1	0	20	20	60	100	4
2	BCE-502	Design of Concrete Structure-I	3	1	0	20	20	60	100	4
3	BCE-503	Transportation Engineering -I	3	1	0	20	20	60	100	4
4	BCE-504	Structure Analysis _II	3	1	0	20	20	60	100	4
5	BCE-505-508	*Departmental Elective-II	3	1	0	20	20	60	100	4
PRACTICAL SUBJECTS										
7	BCE-551	Geotechnical Engineering Lab	0	0	2	30	20	50	100	1
8	BCE-552	Transportation Engineering Lab	0	0	2	30	20	50	100	1
9	BCE-553	CAD Lab - I	0	0	2	30	20	50	100	1
10	BCE-554	Concrete Technology Lab	0	0	2	30	20	50	100	1
TOTAL			15	5	8	220	180	500	900	24

Convener

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Name :

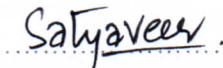
Date :

Internal Members

Signature: 1. 

Name: Dr. Vinod Kumar Yadav

Date:

Signature: 2. 

Name: Satyaveer Singh

External Members

Signature: 1. 

Name:

Date:

Name: Dr. Pradeep Kumar

Signature: 2. 

Name: Dr. Santosh Kumar

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SEMESTER-VI




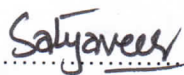
S. N.	Subject Code	Name of the Subject	Periods			Evaluation			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECTS										
1	BCE-601	Design of Concrete structure-II	3	1	0	20	20	60	100	4
2	BCE-602	Environmental Engineering-I	3	1	0	20	20	60	100	4
3	BCE-603	Transportation Engineering – II	3	1	0	20	20	60	100	4
4	BHU-601	Engineering & Managerial Economics Industrial Mgmt	3	1	0	20	20	60	100	4
5	BCE-604-607	*Departmental Elective-III	3	1	0	20	20	60	100	4
PRACTICAL SUBJECTS										
7	BCE-651	CAD Lab-II	0	0	2	30	20	50	100	1
8	BCE-652	Environmental Engineering Lab	0	0	2	30	20	50	100	1
9	BCE-653	Structural Detailing Lab	0	0	2	30	20	50	100	1
10	BCE-654	MAT Lab	0	0	2	30	20	50	100	1
TOTAL			15	5	8	220	180	500	900	24

Convener


Signature: 
 Name :
 Date :

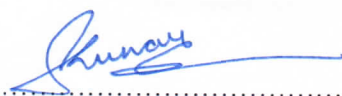
Internal Members

Signature: 1. 
 Name: Dr. Vinod Kumar Yadav
 Date:

Signature: 2. 
 Name: Satyaveer Singh
 Date:

External Members

Signature: 1. 
 Name: Dr. Pradeep Kumar
 Date:

Signature: 2. 
 Name: Dr. Santosh Kumar
 Date:

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SEMESTER-VII



S. N.	Subject Code	Name of the Subject	Periods			Evaluation			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECTS										
1	BCE-701	Design of Steel Structure	3	1	0	20	20	60	100	4
2	BCE-702	Water Resources Engineering	3	1	0	20	20	60	100	4
3	BCE-703	Environmental Engineering-II	3	1	0	20	20	60	100	4
4	BCE-704-707	*Departmental Elective-IV	3	1	0	20	20	60	100	4
5	BOE-701-704	**Open Elective-I	3	1	0	20	20	60	100	4
PRACTICAL SUBJECTS										
7	BCE-751	Seminar Departmental	0	0	2	30	20	50	100	1
8	BCE-752	Mini Project	0	0	2	30	20	50	100	1
9	BCE-753	Seminar	0	0	2	30	20	50	100	1
10	BCE-754	Industrial Training Viva-Voce	0	0	2	30	20	50	100	1
TOTAL			15	5	8	220	180	500	900	24

Convener

Signature: 

Name :

Date :

Internal Members

Signature: 1. 

Name: Dr. Vinod Kumar Yadav

Date:

Signature: 2. 

Name: Satyaveer Singh

External Members

Signature: 1. 

Name: Dr. Pradeep Kumar

Date:

Signature: 2. 

Name: Dr. Sanbosh Kumar

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SEMESTER-VIII



S. N.	Subject Code	Name of the Subject	Periods			Evaluation			Total Marks	Credit
			L	T	P	CE	MTE	ETE		
THEORY SUBJECTS										
1	BCE-801-804	*Departmental Elective-V	3	1	0	20	20	60	100	4
2	BCE-805-808	*Departmental Elective-VI	3	1	0	20	20	60	100	4
PRACTICAL SUBJECTS										
3	BCE-851	Major Project	0	0	21	300	-	400	700	16
TOTAL			6	2	21	340	40	520	900	24

L-Lecture, T-Tutorial, P- Practical, CA- Continuous Assessment, MTE-Mid Term Examination, ETE-End Term Examination

Evaluation Scheme:

Course with theory components only

For Continuous Assessment (CA) is such as: 20 Marks

- a) Attendance: 10 Marks
- b) Assignments: 5 Marks
- c) Class Tests: 5 Marks

MTE - Mid Term Examination: 20 Marks

- a) First Mid Term Examination: 10 Marks
- b) Second Mid Term Examination: 10 Marks

ETE - End Term Examination: 60 Marks

Course with practical components only

For Continuous Assessment (CA) is such as: 30 Marks

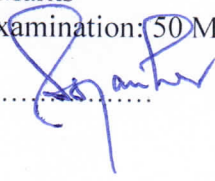
- a) Attendance : 10 Marks
- b) Perform : 10 Marks
- c) Practical File : 10 Marks

MTE - Mid Term Examination: 20 Marks

- a) Execution : 10 Marks
- b) Viva-Voce : 10 Marks

ETE - End Term Examination: 50 Marks

Convener

Signature: 

Name :


Date :

Internal Members

Signature: 1. 

Name: *Dr. Vinod Kumar Yadav*

Date:

Signature: 2. 

Name: *Satyaveer Singh*

External Members

Signature: 1. 

Name: *Dr. Pradeep Kumar*

Date:

Signature: 2. 

Name: *Dr. Sanjosh Kumar*



**RAMA UNIVERSITY, UTTAR PRADESH, KANPUR
FACULTY OF ENGINEERING & TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

Website: www.ramauniversity.ac.in

SHORT TERM COURSES REGULATIONS 2018

**ORDINANCES GOVERNING
CAREER ORIENTED SHORT TERM COURSES**

Offered by

Department of Civil Engineering

Faculty of Engineering and Technology

RAMA UNIVERSITY UTTAR PRADESH, KANPUR

(Effective from the Academic Year 2018-19)

Handwritten signatures in blue ink:
1. A signature starting with 'H R'.
2. A signature starting with 'S'.
3. A signature starting with 'S' and ending with 'Satyaveer'.

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FACULTY OF ENGINEERING & TECHNOLOGY
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***DEPARTMENTAL ELECTIVES**

DEPARTMENTAL ELECTIVE-I

- BCE-405- Advanced Concrete Technologies
- BCE-406-Urban Planning & Architecture
- BCE-407-Disaster Mitigation & Earthquake Engineering
- BCE-408-Industrial Pollution Control & Environmental Audit

DEPARTMENTAL ELECTIVE-II

- BCE-505-Matrix Analysis of Structures
- BCE-506-Quantity Surveying & Costing
- BCE-507-Open Channel Flow
- BCE-508-Earth & Earth Retaining Structures

DEPARTMENTAL ELECTIVE-III

- BCE-604-Advanced Foundation Design
- BCE-605- Advanced Concrete Structures
- BCE-606-Transportation System Planning
- BCE-607-Environmental Geo-technology

DEPARTMENTAL ELECTIVE-IV

- BCE-704-Bridge Engineering
- BCE-705-Tunnel Engineering
- BCE-706-Plastic Analysis of Structures
- BCE-707- Engineering Hydrology

DEPARTMENTAL ELECTIVE-V

- BCE-801-Precast & Modular Construction Practices
- BCE-802-Earthquake Resistant Designs
- BCE-803-Analysis & Design of Hydraulic Structures
- BCE-804-Machine Foundation Design

DEPARTMENTAL ELECTIVE-VI

- BCE-805-Water Resources Systems
- BCE-806-River Engineering
- BCE-807-Groundwater Management
- BCE-808-Construction Technology & Management

****OPEN ELECTIVE-I**

- BOE-701-Non-Conventional Energy Resources
- BOE-702-Quality Management
- BOE-703-Operations Research
- BOE-704-Entrepreneurship Developments



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DEPARTMENT OF CIVIL ENGINEERING

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SHORT TERM COURSES REGULATIONS 2018

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	Pages
Part: I- Ordinance governing career oriented short term courses	1-
I- General Provision	
A- Eligibility	
B- Course Fee	
II- Admission Procedure	
III- Conduct of the Course	
IV- Attendance Rules	

Part: II - Course Detail

- I- Course Structure and Evaluation
- II- Course Content

Course Code	Course Name
CCCE-001	Building Estimation in Construction
CCCE-002	Construction Supervision in Building Works
CCCE-003	Quality Control in Building Works

(Effective from the Academic Year 2018-19)

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FACULTY OF ENGINEERING & TECHNOLOGY**

DEPARTMENT OF CIVIL ENGINEERING

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SHORT TERM COURSES REGULATIONS 2018

Part: I

Ordinance Governing

Career Oriented Short Term Courses

(Effective from the Academic Year 2018-19)

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FACULTY OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF CIVIL ENGINEERING

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SHORT TERM COURSES REGULATIONS 2018

I. General Provisions

1. The program of study leading to Career Oriented Short Term Courses (Certificate Program) of Department of Civil Engineering, Faculty of Faculty of Engineering and Technology of Rama University Uttar Pradesh, Kanpur shall be of durations mentioned therein Part-2 (Course Details) weeks, and shall be basically for the persons who are having interest in this field or they want to build their career in the web development field. The program shall have the status of Add-on Skill Oriented Program under Career Oriented Sort Term Course.
2. The Certificate programs shall have the status of "Short Term Courses" of Rama University Uttar Pradesh, Kanpur and shall be governed by the general rules of the Short Term Courses.
3. The intake to the Certificate Courses shall be 30, which may be increased to 60 (Two Batches) in due course of time by a resolution of the University.
4. The Program of study leading to Career Oriented Short Term Course (Certificate Program) of the Rama University Uttar Pradesh, Kanpur shall be conducted in the Department of Civil Engineering under the Faculty of Engineering and Technology in the evening hours or during any such duration which would be appropriate.
5. The admission to Career Oriented Short Term Course (Certificate Program) shall be dealt with by the Dean, Faculty of Engineering and Technology. The last date for the receipt of the application form shall be fixed by the Dean of the Faculty.
6. The candidate seeking admission will have to apply on a prescribed format available from the University/ Faculty on payment of prescribed fee.
7. The provisional admission to the Program shall be made in order of merit based or on the candidate's performance in TEST/GD/PI, and academic record.
8. The completed Application Forms for registration at Faculty of Engineering and Technology, Rama University Uttar Pradesh, Kanpur along with documents required and prescribed in the ordinance shall be sent to the Registrar's Office.
9. Provisional admission cannot be claimed by any applicant as a matter of right. The provisional admission or readmission of an applicant shall be entirely at the discretion of the Admission Committee, which may refuse to admit any candidate without assigning any reason thereof.
10. Provisional admission will be made strictly on combined merit and availability of seats on

(Effective from the Academic Year 2018-19)

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RAMA UNIVERSITY, UTTAR PRADESH, KANPUR
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SHORT TERM COURSES REGULATIONS 2018

the date of admission and the mere fact that call letter has been issued shall not entitle a candidate to claim admission.

11. The candidate granted provisional admission shall deposit fee within the period prescribed by the Admission Committee failing which, the admission shall stand cancelled.
12. The candidate may be required to pay the processing fee as directed by the Faculty from time to time. No Application Form shall be considered for admission unless it is complete in all respects including attested copies of the photographs of the candidates containing his/her signature thereon and all necessary documents are attached thereto, such as:
 - (a) Attested copies of mark-sheets of all the examinations passed;
 - (b) Certificate from a competent authority certifying that the candidate belongs to Scheduled Caste/Scheduled Tribe/OBC or that the candidate is Physically Challenged.
13. Provisional admission of a candidate is liable to be cancelled at any time:
 - (a) If it is found that, there is something against the candidate which would have prevented him/her from being admitted to the Program.
 - (b) If the candidate is found at a later stage to have provided any false information, and /or
 - © If he/she has been punished for an act of gross misconduct, indiscipline or an act involving moral turpitude.
14. There shall be an Admission Committee for Career Oriented Short Term Course (Certificate Programs) admission, constituted under the provisions of Ordinances and consisting of the Dean or his nominee. Admission shall be made in accordance with these ordinances and the rules made there under.

A. Eligibility:

Minimum qualification for the candidate seeking admission to Career Oriented Short Term Course must be completed 10+2 from any recognized board/Institute in any stream.

- B.A./ B.Sc./ Diploma (CE)/ B.Tech(CE) / M.Tech(CE).
- Indian citizens residing in India

B. Intake & Reservations:

The intake to Career Oriented Short Term Course shall be 30. The reservation in admission shall be as per rules.

Reservations : as per norms of State Government of Uttar Pradesh

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- (a) The candidates seeking admission under the above categories must fulfill the minimum eligibility conditions and qualifying requirements.
- (b) The SC/ ST/OBC candidates must enclose attested copy of the caste certificate along with their Application Form stating that the candidate belongs to SC/ST/OBC Category.
- (c) The following are empowered to issue SC/ST/OBC Certificates:
- District magistrate/ Additional District Magistrate/ Collector/ Deputy Commissioner/ Addl. Deputy Commissioner/Deputy Collector /1st Class Stipendiary Magistrate/City Magistrate/Sub Divisional magistrate/ Taluka Magistrate/ Executive Magistrate /Extra Assistant Commissioner.
 - Chief Presidency Magistrate/ Addl. Chief Presidency Magistrate/ Presidency Magistrate.
 - Revenue Officer not below the rank of Tehsildar.
 - Sub-Divisional Officer of the area where the candidate and/or his family normally resides.
 - Administrator/Secretary to the Administrator/ Development Officer (Lakshadweep Islands).
 - Candidate must note that certificate from any other person/authority shall not be accepted in any case.
- (d) 3% seats on horizontal reservation basis shall be reserved for Physically Challenged Candidates (i) 1% for Visually Impaired (ii) 1% for Hearing Impaired (iii) 1% for Orthopedically Handicapped. In case no candidate is available in any of the above three sub-categories, the unfilled seats shall be filled by the candidates belonging to the remaining sub-categories.
- (e) A candidate applying under PC category must attach a certificate by CMO, District Hospital. However, he/she will be considered under PC category only after verification from the University Medical Board. Admit cards for admission shall be issued to such candidates only on production of the above-mentioned verification certificates from the Medical Board constituted by the University for the purpose.
- (f) Separate final merit list will be prepared for the candidates belonging to each of the above categories.
- (g) Vacant seats reserved for SC/ST/OBC candidates, if any, may be filled up as per rules.

B. Course Fee:

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- (a) The Program will run as a Short Term Course of Study as prescribed under the Career Oriented Short Term Course (Certificate Programs) of Rama University Uttar Pradesh, Kanpur.
- (b) The Short Term Course fee may vary as per the course.

II. ADMISSION PROCEDURE

- (i) Admission to Career Oriented Short Term Course (Certificate Programs) shall be made in order of merit.
- (ii) The admission process may be reviewed as per need from time to time.

III. CONDUCT OF THE COURSE

- (i) To qualify for the Career Oriented Short Term Course (Certificate Programs), the candidate must submit the assignments/projects as contained in the Course structure / syllabus detailed herein after.
- (ii) The students shall be permitted to simultaneously pursue any one of the proposed program at a time along with their regular diploma/degree program.

IV. ATTENDANCE RULES

- (a) A student is required to have full, i.e., 100%, attendance and exemption up to 25% can be considered for specific cogent reasons. Out of this 25%, only 10% exemption will be permitted without taking any application from the student. Rest 15% exemption may be given by the Dean. The cogent reasons for exemption are given below:
 - (i) Participation in NCC/NSC/NSS Camps duly supported by certificate.
 - (ii) Participation in University or College Team Games or Interstate or Inter University tournaments, duly supported by certificate from the Secretary of the University Sports Board or President of the College Athletic Association concerned.
 - (iii) Participation in Educational Excursions, which form a part of teaching in any subject conducted on working days duly certified by the Dean.
 - (iv) University Deputation for Youth Festival duly certified by the Dean.
 - (v) Prolonged illness duly certified by the Medical Officer or the Superintendent, Rama Hospital, Rama University or any other Registered Medical Practitioner, provided such certificate is submitted to the Dean, Faculty of Engineering and Technology in time.

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- (vi) No relaxation beyond 25% shall be considered in any case.
- (b) The attendance of a newly admitted candidate shall be counted from the date of his/her admission, or date of beginning of classes whichever is later, while in the case of promoted candidates, attendance shall be counted from the date on which respective class begins.
- (c) There shall be an Attendance Monitoring Committee in the Faculty under the Chairmanship of the Dean.

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SHORT TERM COURSES REGULATIONS 2018

Part: II

Course Detail

Career Oriented Short Term Courses

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I. COURSE STRUCTURE AND EVALUATION:

Candidates for the Career Oriented Short Term Courses (Certificate Programs) shall be evaluated on the basis of Assignments/ Projects in accordance with the syllabi or course prescribed in the Ordinance.

Course Structure

The Career Oriented Short Term Course (Certificate Programs) duration may vary on the basis course category. A student is required to complete the syllabus offer Certificate Program as per the details given below.

II. Course Syllabus:

CCCE-001 -BUILDING ESTIMATION IN CONSTRUCTION

BUILDING ESTIMATION IN CONSTRUCTION (OUTCOMES)

Learners will understand the concept of Estimating, Costing and Valuation in construction works through methods of estimation using construction drawings, mode of measurements of various construction activities and works, analysis of rates, bill of quantities, bill of materials and specification of works related to building.

DURATION

- Total – 40 hours

REGISTRATION FEES:

- INR 0.00

COURSE FEES:

- INR 1000* (SPECIAL OFFER TO STUDENTS OF RAMA GROUP)

INSTRUCTOR:

- AS DECIDED BY HEAD OF DEPARTMENT OF CIVIL ENGINEERING IN CONSULTATION WITH DEAN, FACULTY OF ENGINEERING & TECHNOLOGY.

COURSEWARE:

- Course material is provided in printed / electronic form.

MODE:

- Online / offline Lecture and Practice.

EVALUATION SYSTEM:

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- Based on the Test in MCQ format is taken - 1st after completion of 20 hours course and 2nd at the end and online / offline teaching.

MINIMUM AGE:

- No bar

MAXIMUM AGE:

- No bar

MINIMUM AGE:

- No bar

MAXIMUM AGE:

- No bar

EMPLOYMENT OPPORTUNITY:

- Billing Engineer / Billing Assistant
- Quantity Surveyor/ Estimation Assistant

COURSE CONTENT

- Units of Measurement
- Types of Estimates
- Methods of Estimation
- Modes of Measurement
- Analysis of Rates
- Bill of Quantities
- Bill of Materials
- Specification of works
- Types and Writing of Measurement Books
- Certification

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CCCE-002- CONSTRUCTION SUPERVISION IN BUILDING WORKS

CONSTRUCTION SUPERVISION IN BUILDING WORKS (OUTCOMES)

Learners will understand the various construction activities in building works and their sequence of execution. They will also learn through check lists of various activities about attention to paid during and after execution of works. They will also be able to know pre-execution preparations and quality control based on workmanship and materials.

DURATION

- Total – 40 hours

COURSE FEES:

- INR 1000* (SPECIAL OFFER TO STUDENTS OF RAMA GROUP)

INSTRUCTOR:

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COURSEWARE:

- Course material is provided in printed / electronic form.

MODE:

- Online / offline Lecture and Practice.

EVALUATION SYSTEM:

- Based on the Test in MCQ format is taken - 1st after completion of 20 hours course and 2nd at the end and online / offline teaching.

MINIMUM AGE:

- No bar

MAXIMUM AGE:

- No bar

EMPLOYMENT OPPORTUNITY:

- Construction Engineer/ Supervisor
- Site / Field Engineer / Supervisor

COURSE CONTENT

- List of activities in building works
- Sequence of activities in building works
- Specification of works

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- Check lists of activities in building works
- Pre-execution
- During execution
- Post execution
- Reporting of progress – daily, weekly and monthly
- Certification

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CCCE-003-QUALITY CONTROL IN CONSTRUCTION – A SHORT TERM COURSE

QUALITY CONTROL IN BUILDING WORKS (OUTCOMES)

Learners will understand the concept of quality control in construction, various tools, quality audit method and manuals, QC checklists of pre, during and post execution and good practices of various major items, defects & Remedial measures, Conformity Assessment, documentation. They will also learn tests and mix designing.

- Total – 40 hours

COURSE FEES:

- INR 1000* (SPECIAL OFFER TO STUDENTS OF RAMA GROUP)

INSTRUCTOR:

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COURSEWARE:

- Course material is provided in printed / electronic form.

MODE:

- Online / offline Lecture and Practice.

EVALUATION SYSTEM:

- Based on the Test in MCQ format is taken - 1st after completion of 20 hours course and 2nd at the end and online / offline teaching.

MINIMUM AGE:

- No bar

MAXIMUM AGE:

- No bar

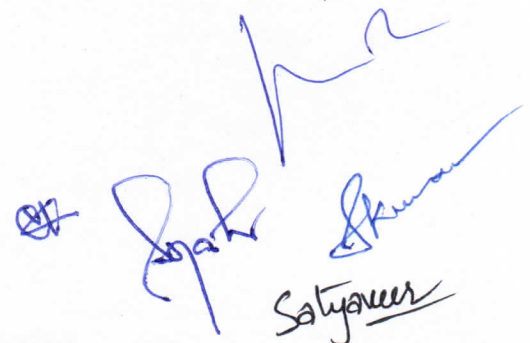
EMPLOYMENT OPPORTUNITY:

- Quality Assurance /Quality Control Engineer

COURSE CONTENT

- Quality and Quality Management Principles
- Introduction to Quality
- Contributors to Quality at a Construction Site
- Quality Plan
- Quality Audits

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- Quality Manual
- PDCA cycle
- auditing
- Excavation, Backfilling and Compaction : Quality control, tests and checklist, Precautions and Good practices, documentation
- RCC Works : Concrete Mix Design
- Formwork: Types, Quality control, checklist -pre, during and after, compliance.
- RCC Works : Coordinates, Pre & post pour checking, Reinforcement, Concrete Quality, Precautions and Good practices, documentation
- Defects in RCC Work
- Brickwork and Blockwork : RM, Properties and Impact on work, test properties and compliance, Good practices, Basic Checks, defects & Remedial measures, documentation
- Tiling : Quality in Execution, Basic Checks, Good practices, defects & Remedial measures, Conformity Assessment, documentation
- Plastering : Types, Factors affecting Quality and Reliability, Good practices, Conformity Assessment, documentation
- Waterproofing ; Types, Basic Controls & Checks, Good practices, Conformity Assessment, documentation.
- Certification

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