**COE CHANGES V1.0**

1. Remove the Validation for Transfer Students.
   1. ALTER TABLE coe\_student\_category\_details CHANGE COLUMN year year INT(11) DEFAULT NULL;
   2. ALTER TABLE coe\_student\_category\_details CHANGE COLUMN month month INT(10) DEFAULT NULL;
   3. ALTER TABLE coe\_student\_category\_details CHANGE COLUMN year\_of\_passing year\_of\_passing VARCHAR(45) DEFAULT NULL;
2. Add Revaluation Fees Structure in Categories.
   1. Revaluation Fees Revaluation Fees
      1. Transparency Fee : 400
      2. Revaluation Fees : 400
3. Keep the same month in Both the colleges
   1. UPDATE `coe\_category\_type` SET `category\_type`='June', `description`='June' WHERE `category\_type`='July';
4. Track Fees Paid For Revaluation But not transparency
   1. ALTER TABLE `coe\_revaluation` ADD COLUMN `reval\_status` VARCHAR(45) NOT NULL DEFAULT 'NO' AFTER `mark\_type`;
5. Added new Import Option for CIA Marks
6. Change the grade points for Absent Student in the database as
   1. SELECT \* FROM live\_skcet.coe\_mark\_entry\_master where result like "%Absent%";
   2. update live\_skcet.coe\_mark\_entry\_master set grade\_name="AB" where result like "%Absent%";
7. Unique Nominal for the subject code and student registration number
   1. SELECT A.coe\_student\_id,count(\*),A.coe\_subjects\_id FROM coe\_nominal as A JOIN coe\_nominal as B ON B.coe\_student\_id=A.coe\_student\_id and B.coe\_subjects\_id=A.coe\_subjects\_id and B.semester=A.semester group by A.coe\_student\_id,A.semester,A.coe\_subjects\_id having count(A.coe\_subjects\_id)>2 order by A.coe\_student\_id,A.semester;
   2. ALTER TABLE `coe\_nominal` ADD UNIQUE INDEX `unique\_papers` (`coe\_student\_id` ASC, `coe\_subjects\_id` ASC);
   3. DELETE t1 FROM coe\_nominal t1INNER JOIN coe\_nominal t2 WHERE t1.coe\_nominal\_id < t2.coe\_nominal\_id AND t1.coe\_student\_id=t2.coe\_student\_id and t1.coe\_subjects\_id=t2.coe\_subjects\_id and t1.semester=t2.semester and t1.section\_name=t2.section\_name and t1.course\_batch\_mapping\_id=t2.course\_batch\_mapping\_id
8. Allow Rejoin Students Email Address
   1. ALTER TABLE `coe\_student` DROP INDEX `email\_id\_UNIQUE` ,ADD UNIQUE INDEX `email\_id\_UNIQUE` (`email\_id` ASC, `register\_number` ASC);
9. INSERT INTO coe\_category\_type(category\_id, category\_type, description, created\_by, created\_at, updated\_by, updated\_at) VALUES( 2, 'Discontinued', 'Discontinued', 1, '2018-08-28 15:45:13', 1, '2018-08-28 15:45:13');
10. change settings in php.ini max\_input\_vars = 1000000000;
11. Missing Group Unique
    1. ALTER TABLE `coe\_exam\_timetable` ADD UNIQUE INDEX `index\_sub\_id` (`subject\_mapping\_id` ASC, `exam\_year` ASC, `exam\_month` ASC, `exam\_type` ASC);
12. Missing Group Unique
    1. ALTER TABLE `coe\_exam\_timetable` ADD UNIQUE INDEX `index\_group\_batch` (`subject\_mapping\_id` ASC, `exam\_date` ASC, `exam\_session` ASC);
13. ALTER TABLE `coe\_dummy\_number` DROP INDEX `index6` , ADD UNIQUE INDEX `index6` (`dummy\_number` ASC, `year` ASC, `month` ASC);
14. set innodb\_lock\_wait\_timeout=1000;
15. CREATE TABLE coe\_mandatory\_subjects ( coe\_mandatory\_subjects\_id int(11) NOT NULL AUTO\_INCREMENT, course\_batch\_mapping\_id int(11) NOT NULL, coe\_batch\_id int(11) NOT NULL, subject\_code varchar(255) NOT NULL, subject\_name varchar(255) NOT NULL, sub\_category\_code varchar(255) NOT NULL, sub\_category\_name varchar(255) NOT NULL, CIA\_min int(11) NOT NULL, CIA\_max int(11) NOT NULL,
16. ESE\_min int(11) NOT NULL, ESE\_max int(11) NOT NULL, total\_minimum\_pass int(11) NOT NULL, credit\_points int(11) NOT NULL, end\_semester\_exam\_value\_mark int(11) NOT NULL, paper\_type\_id int(11) NOT NULL, subject\_type\_id int(11) NOT NULL,
17. course\_type\_id int(11) NOT NULL, created\_by int(11) NOT NULL, created\_at datetime NOT NULL ON UPDATE CURRENT\_TIMESTAMP, updated\_by int(11) NOT NULL,
18. updated\_at datetime NOT NULL ON UPDATE CURRENT\_TIMESTAMP, PRIMARY KEY (coe\_mandatory\_subjects\_id) ENGINE = INNODB, AUTO\_INCREMENT = 6, AVG\_ROW\_LENGTH = 4096, CHARACTER SET latin1, COLLATE latin1\_swedish\_ci, COMMENT = 'This table is created only for Mandatory Courses'; ALTER TABLE coe\_mandatory\_subjects ADD INDEX batch\_foreign\_key\_idx (coe\_batch\_id); ALTER TABLE coe\_mandatory\_subjects ADD INDEX batch\_mapping\_foreign\_idx (course\_batch\_mapping\_id); ALTER TABLE coe\_mandatory\_subjects ADD INDEX course\_type\_fk\_idx (course\_type\_id); ALTER TABLE coe\_mandatory\_subjects ADD INDEX paper\_type\_fk\_idx (paper\_type\_id); ALTER TABLE coe\_mandatory\_subjects ADD INDEX subject\_type\_fk\_idx (subject\_type\_id); ALTER TABLE coe\_mandatory\_subjects ADD UNIQUE INDEX unique\_foreign\_key (course\_batch\_mapping\_id, coe\_batch\_id, subject\_code, subject\_name, sub\_category\_code, sub\_category\_name); ALTER TABLE coe\_mandatory\_subjects ADD INDEX user\_created\_idx (created\_by); ALTER TABLE coe\_mandatory\_subjects ADD INDEX user\_updated\_idx (updated\_by); ALTER TABLE coe\_mandatory\_subjects ADD CONSTRAINT batch\_foreign\_key FOREIGN KEY (coe\_batch\_id) REFERENCES coe\_batch (coe\_batch\_id) ON DELETE NO ACTION ON UPDATE NO ACTION; ALTER TABLE coe\_mandatory\_subjects ADD CONSTRAINT batch\_mapping\_foreign FOREIGN KEY (course\_batch\_mapping\_id) REFERENCES coe\_bat\_deg\_reg (coe\_bat\_deg\_reg\_id) ON DELETE NO ACTION ON UPDATE NO ACTION; ALTER TABLE coe\_mandatory\_subjects ADD CONSTRAINT course\_type\_fk FOREIGN KEY (course\_type\_id) REFERENCES coe\_category\_type (coe\_category\_type\_id) ON DELETE NO ACTION ON UPDATE NO ACTION; ALTER TABLE coe\_mandatory\_subjects ADD CONSTRAINT paper\_type\_fk FOREIGN KEY (paper\_type\_id) REFERENCES coe\_category\_type (coe\_category\_type\_id) ON DELETE NO ACTION ON UPDATE NO ACTION; ALTER TABLE coe\_mandatory\_subjects ADD CONSTRAINT subject\_type\_fk FOREIGN KEY (subject\_type\_id) REFERENCES coe\_category\_type (coe\_category\_type\_id) ON DELETE NO ACTION ON UPDATE NO ACTION; ALTER TABLE coe\_mandatory\_subjects ADD CONSTRAINT user\_created FOREIGN KEY (created\_by) REFERENCES user (id) ON DELETE NO ACTION ON UPDATE NO ACTION; ALTER TABLE coe\_mandatory\_subjects ADD CONSTRAINT user\_updated FOREIGN KEY (updated\_by) REFERENCES user (id) ON DELETE NO ACTION ON UPDATE NO ACTION;