

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

Dt: 01.04.2016

C I R C U L A R

It is to inform that R-16 regulations are proposed from the academic year 2016-17. Hence all the course coordinators and module coordinators are required to forward suggestions to add / delete content or courses of R-12 regulations by 07.04.2016.

The suggestions will be kept before the BOS for ratification after discussion.

M. Rama Rao
[Dr.M.Rama Rao]
Prof., & HOD, CE
Chairman , BOS - CE

| | | | | | |
|---------|--------------------|-------|--------------------|--------------------|--|
| Dr KSSR | <i>[Signature]</i> | RSB | | <i>[Signature]</i> | |
| Dr PSR | <i>[Signature]</i> | NVSRK | <i>[Signature]</i> | | |
| Dr ASP | <i>[Signature]</i> | YM | | | |
| PVSM | <i>[Signature]</i> | NT | | | |
| RSB | <i>[Signature]</i> | KLK | | | |
| MLNKS | <i>[Signature]</i> | RSB | | | |
| PSC | <i>[Signature]</i> | GVK | | | |
| JUK | J.Ushakranti | PS | <i>[Signature]</i> | | |
| MSK | <i>[Signature]</i> | MS | | | |
| SVS | S. S. S. S. S. | KRB | <i>[Signature]</i> | | |

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
KA
Professor & Head of Civil Engineering
SSAC, College of Engineering
R.V.R. & J.C. College of Engineering
Chowdavaratham, Guntur-522 019, A.P. - India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

Dt.19.01.2016

C I R C U L A R

This is to bring to the staff members concerned that as per the findings of the committee members of BOS in Civil Engineering held on 04.01.2016(Monday), all the respective members of BOS are informed to make necessary amendments to the syllabus as discussed and submit the soft copy to the undersigned on or before 27.01.2016(Wednesday) without fail.

M.Rama Rao

[Dr.M.Rama Rao]
Prof.,& HOD, CE
Chairman , BOS - CE

Dr. M. Rama Rao, B.Tech.,M.E.,Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: G. Venkata Krishna

Designation: Asst. Professor

Academic Year:

| Course name with code no | Regulation | Suggestions |
|--------------------------------|------------|------------------------|
| CE121 solid Mech C | R/b | Remove Forces in space |
| No. of times subject taught: 3 | | |

G. Venkata Krishna / 7/08
Signature with date

~~Submitted~~

put up for BOS discussion approval.

M-Rama Rao
HOD, CE

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R. & J.C. College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: - Syed. Syeed Ahammed.
Academic Year:

Designation: - Asst. Professor

| Course name with code no | Regulation | Suggestions |
|------------------------------|------------|---|
| SM-II CE 2024 | R16 | → As the syllabus is waste, influence line diagrams for three hinged Arches should be placed in Advanced Courses. |
| No. of times subject taught: | | |

Signature with date

SD. Syeed

put up for BOS discussion approval

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: B. KRISHNA CHAITANYA.
Academic Year:

Designation: ASST. Professor

| Course name with code no | Regulation | Suggestions |
|---------------------------------------|------------|---|
| BMPC CE212. | new | 1. Suggestion is remove the planning. 2. Add more Topics in Construction. Types & P. 3. If possible shorten the syllabus its very length. |
| No. of times subject taught: 02 | | |

B. Krishna Chaitanya
Signature with date

put up for BOS discussion approval.

M-Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: K. Ramesh Babu
Academic Year:

Designation: ASSISTANT
PROFESSOR

| Course name with code no | Regulation | Suggestions |
|------------------------------------|------------|--|
| CE223 SURVEYING-II | A16 | Remove Axis signal correction Add Photogrammetry topic |
| No. of times subject taught: 03 | | |

K. Ramesh Babu
Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R. & J.C. College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: J. Usha Kranti
Academic Year:

Designation: Asst. Professor

| Course name with code no | Regulation | Suggestions |
|------------------------------------|------------|--|
| SA I CE 312 | Proposed | 1. Add topics on slope deflection and moment distribution methods 2. Add curved beams |
| No. of times subject taught: 09 | | |

J. Usha Kranti
Signature with date

put up for BOS discussion approval.

M. Rama Rao.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P. India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: R. Suvendrababu
Academic Year:

Designation: Assoc. Professor

| Course name with code no | Regulation | Suggestions |
|------------------------------------|--------------------|--|
| DCS CE314 | R18 from R19 | ONE way slabs to be included. which is lacking in R12 syllabus. cantilever slabs to be added to improve the curriculum. |
| No. of times subject taught: 15 | | |

R. Suvendrababu
Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: S.V. SATYANARAYANA
Academic Year:

Designation: Assistant Professor

| Course name with code no | Regulation | Suggestions |
|------------------------------------|------------|---|
| CE322 SA-II | Co R16 | Introduced 1 unit Fem Single degree of Freedom |
| No. of times subject taught: 10 | | |

S.V. Satyanarayana
Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: P. samatha
Academic Year:

Designation: Asst. Professor.

| Course name with code no | Regulation | Suggestions |
|---|------------|--|
| CE-411 Highway Engineering No. of times subject taught: 8 | R16 | 1. Project Highway Economics can be added. 2. Vertical alignment can be removed |

P. samatha
Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&.J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: *U. Pallavi*

Designation: *Asst. Professor*

Academic Year:

| Course name with code no | Regulation | Suggestions |
|---------------------------------------|---------------------------|--|
| <i>Quantity Surveying</i> | <i>R12 to R16</i> | <i><u>Include</u> Estimation of framed structures, sanitary & water supply works... <u>Exclude</u> Estimation of load bearing structures</i> |
| No. of times subject taught: <i>2</i> | | |

U. Pallavi
Signature with date

Put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: MLN, Krishna Sai
Academic Year:

Designation: Assistant professor

| Course name with code no | Regulation | Suggestions |
|-----------------------------------|------------|--|
| CE 416 Bridge Engineering | 416 | - should be modified as per code revision - limit state design is to be adopted |
| No. of times subject taught: 5 | | |


Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P. India

Department of Civil Engineering
R.V.R.&.J.C.College of Engineering, Guntur- 522019

Dt: 15.06.2017

C I R C U L A R

It is to inform that R-18 regulations are proposed from the academic year 2018-19. Hence all the course coordinators and module coordinators are required to forward suggestions to add / delete content or courses of R-16 regulations by 30.06.2017.

The suggestions will be kept before the BOS for ratification after discussion.

M. Rama Rao
[Dr.M.Rama Rao]
Prof., & HOD, CE
Chairman, BOS - CE

Professor in Civil Engineering
RVR&JC, College of Engineering
CHOWDAVARANI GUNTUR
GUNTUR, AP - 522019



| | | | | | |
|---------|------------|-------|--|-----|--|
| Dr KSSR | | RSB | | KA | |
| Dr PSR | <i>PSR</i> | NVSRK | | SSA | |
| Dr ASP | | YM | | GS | |
| PVSM | | NT | | BKC | |
| RSB | | KLK | | VP | |
| MLNKS | | RSB | | UP | |
| PSC | | GVK | | BBS | |
| JUK | | PS | | MTK | |
| MSK | | MS | | DNV | |
| SVS | | KRB | | YNM | |

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

Dt.08.01.2017

CIRCULAR

This is to bring to the staff members concerned that as per the findings of the committee members of BOS in Civil Engineering held on 01.07.2017, all the respective members of BOS are informed to make necessary amendments to the syllabus as discussed and submit the soft copy to the undersigned on or before 10.07.2017 without fail.

M. Rama Rao
[Dr.M.Rama Rao]
Prof., & HOD, CE
Chairman, BOS - CE

Department of Civil Engineering
RVR & JC College of Engineering
CHOWDAVARAM, GUNTUR-522 019

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&.J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: Dr. K.S. Sai Ram
Academic Year:

Designation: Professor

| Course name with code no | Regulation | Suggestions |
|------------------------------------|------------------|--|
| CE 115 Engineering Mechanics | R16 to R18 | To remove Rectilinear Translation, curvilinear translation and Rotation of a rigid body about a fixed axis |
| No. of times subject taught: | | |


Signature with date

put up for BOS discussion approval.

M. Rama Rao.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: Dr. K.S. Sai Ram

Designation: Professor

Academic Year:

| Course name with code no | Regulation | Suggestions |
|----------------------------------|------------------|--|
| Solid Mechanics - I CE 112 | R18 to R18 | To delete compound stresses and work & energy |
| No. of times subject taught: | | |

K.S. Sai Ram
Signature with date

put up for BOS discussion approval.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: K. ANJANEYULU

Designation: Asst. professor

Academic Year:

| Course name with code no | Regulation | Suggestions |
|---------------------------------------|-------------------|---|
| CE208 surveying-II | R-16 to R18 | Remove -① Axis signal connection ②. External focussing telescope with anallactic lens; internal focussing telescope. 3. problems in setting out curves. |
| No. of times subject taught: 03 | | |

K. Anjaneyulu
Signature with date

put up for BOS discussion approval.

M. Rama Rao.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

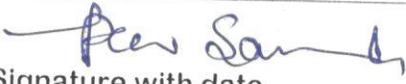
FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: Dr. P.CH.SANJEEVARAO

Designation: PROFESSOR

Academic Year: 2015-16

| Course name with code no | Regulation | Suggestions |
|---|--------------------------|--|
| Engineering Geology | <u>R-16</u> to R18 | 1. Add topics are crossan by geological agents 2. Remove RS & GIS Topics as a new course is proposed to offer |
| No. of times subject taught: <u>25</u> | | |


Signature with date

put up for BOS discussion approval.

M. Rama Rao.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: P. Sri Lakshmi
Academic Year:

Designation: Asst. Professor

| Course name with code no | Regulation | Suggestions |
|---|------------|---|
| Building Materials and Construction CE 215 | R18 | 1) Add topics about Lintels and Arches, floors and roofs. 2) Remove An approach to planning, Building Rules and Bye-laws as it is not related to subject |
| No. of times subject taught: 4 | | |

P. Sri Lakshmi
Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: S.V. SATYANARAYANA.
Academic Year:

Designation: Assistant Professor

| Course name with code no | Regulation | Suggestions |
|-----------------------------------|------------|--|
| CE311 SA-I | R18 | moment distribution method remove curved beams. remove kernig method |
| No. of times subject taught: 7 | | |

S.V. Satyanarayana
Signature with date

put up for BOS discussion approval.

M-Rama Rao.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: BHASKAR SINGH B
Academic Year:

Designation: Asst. prof.

| Course name with code no | Regulation | Suggestions |
|--|------------------|---|
| ADVANCE DESIGN OF CONCRETE STRUCTURES | R16 16 R16 | (i) DESIGN OF SHEAR WALLS TO BE ADDED. (ii) ONE UNIT ON DUCTILE DETAILING TO BE ADDED. |
| No. of times subject taught: | | |


Signature with date

put for BOS discussion approval.

M. Rama Rao.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: P.V.S.Maruthi Krishna
Academic Year:

Designation: Associate Professor

| Course name with code no | Regulation | Suggestions |
|--|------------|---|
| CE 314 Environmental Engineering | R18 | 1) Inclusion of advanced treatment methods like reverse osmosis, adsorption, micro & Nano filtration 2) Inclusion of a chapter on Rural Water supply 3) Deletion of repeated topics like types of pumps - |
| No. of times subject taught 20 | | |


Signature with date

put up for BOS discussion approval.

M-Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty:
Academic Year:

G. Samirya

Designation: Assistant

| Course name with code no | Regulation | Suggestions |
|--------------------------------|------------|---|
| Highway Engg CE 321 | R18 | 1. To add traffic studies in their curriculum. 2. To add pavement evaluation techniques for their study. |
| No. of times subject taught: 3 | | |


Signature with date

put up for BOS discussion approved.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

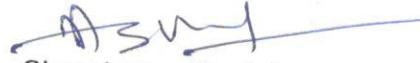
Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: A. S. Parasad
Academic Year:

Designation: Professor

| Course name with code no | Regulation | Suggestions |
|------------------------------|------------|---|
| Irrigation Structures | R18 | Irrigation Structures course is to be introduced containing design of canal structures and regulation works |
| No. of times subject taught: | | |


Signature with date

put up for BOS discussion approval.

M. Rama Rao.

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: *M. Srikanth Kumar*
Academic Year:

Designation: *Asst. professor*

| Course name with code no | Regulation | Suggestions |
|---|------------|--|
| <i>Construction Management CE-H13</i> | <i>R18</i> | <i>To add Resource Management (materials) Introduce Quality Management</i> |
| No. of times subject taught: <i>4</i> | | |

M. Srikanth Kumar
Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

Department of Civil Engineering
R.V.R.&J.C.College of Engineering, Guntur- 522019

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: P. Samatha Chowdary

Designation: Asst Professor

Academic Year:

| Course name with code no | Regulation | Suggestions |
|------------------------------------|------------|--|
| Professional Ethics CEV03 | R18 | Engineering, Ethics. → Multinational can be applied |
| No. of times subject taught: 10 | | |

Samatha
Signature with date

put up for BOS discussion approval.

M-Rama Rao

Dr. M. Rana Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India

FACULTY FEEDBACK ON CURRICULAM

Name of Faculty: B. Krishna Chaitanya
Academic Year:

Designation: Asst. Professor

| Course name with code no | Regulation | Suggestions |
|------------------------------------|------------|---|
| Remote Sensing GIS | R18 | 1. Add Aerial Survey its useful in Gate 2. Some of applications in RS & GIS are removed if possible. 3. If possible provide Arc-GIS lab for extensive learning. |
| No. of times subject taught: 04 | | |

B. Krishna Chaitanya
Signature with date

put up for BOS discussion approval.

M. Rama Rao

Dr. M. Rama Rao, B.Tech., M.E., Ph.D.
Professor & Head of Civil Engineering
R.V.R. & J.C. College of Engineering
Chowdavaram, Guntur-522 019, A.P India



RVR & JC COLLEGE OF ENGINEERING, CHOWDAVARAM :: GUNTUR

(Autonomous)

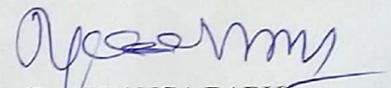
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CIRCULAR

Date: 16/12/2015

It is to inform you that the syllabus is going to be revised from the academic year 2016-17 with R-16 Regulations. So, keeping this in view, all the faculty members are required to give the suggestions to add / delete contents / chapters in your course, which are to be added / deleted in the course (s) of R-12 regulations and submitted to the program Coordinator Dr. G.Sudhavani on or before 23/12/2015.

These suggestions will be discussed in the next BOS meeting while finalizing the R-16 regulations & syllabi.


(Dr. T.RANGA BABU)
Professor & Head

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR – 522 019

(Autonomous)

DEPARTMENT OF E.C.E

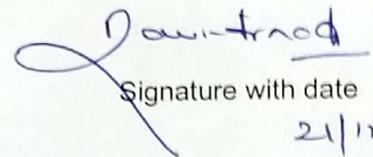
FACULTY FEEDBACK

Name of the faculty: J-RAVINDRANATH

Designation: Associate Prof

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|--------------------------------|------------|---|
| EC202 DLD | R16 | Algorithmic state machines are to be added and IC logic family are to be deleted. |
| No. of times subject Taught: 4 | | |


Signature with date

21/12/2015

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR – 522 019

(Autonomous)

DEPARTMENT OF E.C.E

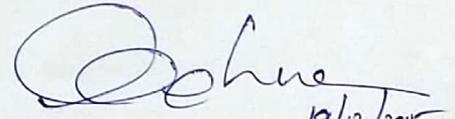
FACULTY FEEDBACK

Name of the faculty: P.V. Krishna Kanth

Designation: Assistant Professor

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|--------------------------------------|------------|---|
| EC251 EDC LAB | R-16 | Experiments related to MOS FET & Rectifiers are to be added |
| No. of times subject Taught: 3 | | |


Signature with date 19/12/2015

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR – 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: K. ANIL KUMAR

Designation: Asst. Prof

Academic year: (2015-16)

| Course code with Name | Regulation | Suggestions |
|---------------------------------|------------|---|
| EE EC 252, DLDLAB | R-16 | Experiments related to state machines are advised to be included. |
| No. of times subject Taught: 3 | | |

K. Anil Kumar
Signature with date 23/12/2015

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR - 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: B. Lokeshwar

Designation: Asst. prof

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|--|------------|--|
| <u>EC255 Electronic Circuits Lab</u> | <u>R16</u> | <u>Experiments related to feedback amplifiers and oscillators are advised to be included</u> |
| No. of times subject Taught: <u>4</u> | | |

B. Lokeshwar 23/12/15
Signature with date

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR - 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: N. Renuka

Designation: Associate prof.

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|-----------------------------------|------------|--|
| EC-301 pulse & Digital Circuits | R-16 | Fundamental concepts of digital circuits & logic families are to be added. |
| No. of times subject Taught: 4 | | |

Renuka
Signature with date 27/12/15

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR - 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: P. P. S. SUBHASHINI

Designation: Associate Professor

Academic year: 2015 - 16

| Course code with Name | Regulation | Suggestions |
|--------------------------------|------------|--|
| EC 353, circuit simulation Lab | R 16 | In this, experiments related to clippers, clampers, integrator and oscillators using op-Amp. are to be added and other half experiments related to oops programming concepts are to be deleted |
| No. of times subject Taught: 4 | | |

P. P. S. Subhashini
21/12/2015

Signature with date

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR – 522 019

(Autonomous)

DEPARTMENT OF E.C.E

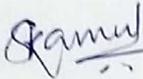
FACULTY FEEDBACK

Name of the faculty: Ramesh babu Sadineni

Designation: Asst. Prof

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|--------------------------------|------------|---|
| EC402 - VLSI Design | R-16 | <ul style="list-style-type: none">• Implementation of digital circuits using different techniques are to be added.• Analysis of CMOS circuits are to be added. |
| No. of times subject Taught: 5 | | |


19/12/2015
Signature with date

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR - 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: *Dr. A. Sudhavani*

Designation: *Professor*

Academic year: *2015-16*

| Course code with Name | Regulation | Suggestions |
|--|-------------|--|
| <i>EC 406A - Digital Image Processing</i> | <i>R-16</i> | <i>Enhancement in frequency domain chapter is to be deleted and color image processing is to be added.</i> |
| No. of times subject Taught: <i>8 times</i> | | |

A. Sudhavani
Signature with date
21/12/15

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR – 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: D. JAGADEESH

Designation: Asst. prof

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|--------------------------------|------------|---|
| EC453- DSP lab | R16 | Experiments related to digital modulation techniques are to be added. (ASK, PSK and FSK). |
| No. of times subject Taught: 3 | | |

D. Jagadeesh
22/12/15

Signature with date

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR - 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: K. ASHOK KUMAR

Designation: Asst. Prof

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|------------------------------------|------------|--|
| EC408, optical communications | R16 | Content related to optical networks are to be added |
| No. of times subject Taught: 04 | | |

K. ASHOK KUMAR
18/12/2015

Signature with date

R.V.R. & J.C. COLLEGE OF ENGINEERING, GUNTUR – 522 019

(Autonomous)

DEPARTMENT OF E.C.E

FACULTY FEEDBACK

Name of the faculty: M-SUNITHA

Designation: Asst-prof.

Academic year: 2015-16

| Course code with Name | Regulation | Suggestions |
|---|------------|---|
| EC-409 (A) Satellite communication No. of times subject Taught: 4 | R-16 | contents related to navigation and GPS are to be included. |

M-Sunitha. 19/12/2015
Signature with date

R.V.R. & J.C.COLLEGE OF ENGINEERING
(Autonomous)

DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING



Note Submitted to the BOS Chairman:

Dt: 02-01-2016

Sub: Faculty feedback on addition / deletion of syllabus contents in R-16 regulations – Reg.

Ref: Circular dated 16/12/2015.

* * *

As per the circular cited above, It is to inform you that some modifications are suggested in the contents of R16 Syllabus by the faculty. The following are the list of subjects in which topics are suggested to add/delete in R16 regulations.

| S.No | Subject Code | Subject Name | Remarks |
|------|--------------|-------------------------------|---|
| 1 | EC202 | Electronic Devices & Circuits | In this subject, MOSFET and rectifiers topics are to be added and power devices are to be deleted |
| 2 | EC203 | Digital Logic Design | In this, algorithmic state machines and IC logic families are to be deleted |
| 3 | EC251 | EDC Lab | In this, experiments related to MOSFET and rectifiers are to be added |
| 4 | EC252 | Digital Logic Design | In this, experiments related to state machines are to be added |
| 5 | EC255 | Electronic Circuits Lab | In this, experiments related to feedback amplifiers and oscillators are to be added and experiments related to m-derived filters and constant – k filters are to be deleted |
| 6 | EC301 | Pulse and Digital Circuits | In this, some fundamental concepts of digital circuits like TTL are to be added. |
| 7 | EC353 | Circuit Simulation Lab: | In this, experiments related to clippers, clampers and oscillators using op-amp are to be added and other half experiments related to OOPS programming concepts are to be deleted |
| 8 | EC406A | Digital Image processing: | In this, enhancement in frequency domain chapter is to be deleted and color image processing is to be added |
| 9 | EC453 | DSP Lab | In this, experiments related to digital modulation (ASK,PSK,FSK) techniques are to be added |
| 10 | EC408 | Optical Communication: | In this, contents related to optical networks are to be added |
| 11 | EC409A | Satellite Communication | In this, contents related to navigation and GPS are to be added |

G. Sudhavani
(Dr. G.Sudhavani)
Program Coordinator

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date 7-4-18

Faculty Feedback for Syllabi Revision for R-18

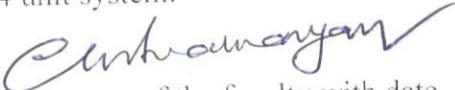
Name of the faculty: Dr. C. V. Subrahmanyam

Designation: Professor & Head

Academic Year: 2017-18

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|--|-------------------------------|-------------|--|
| 1) | CH301 | Mass Transfer Operations - I | R-16 | Absorption can be shifted to MTO-II. Ion exchange can be shifted to MTO-I |
| | No of times subject taught :7 Percentage of change in R-18 wrt R-16: 15% | | | |
| 2) | CH307 | Mass Transfer Operations - II | | Absorption can be shifted to MTO-II. Ion exchange can be shifted to MTO-I |
| | No of times subject taught :7 Percentage of change in R-18 wrt R-16:15% | | | |
| 3) | CH 203 | Chemical Process Calculations | | ----- |
| | No of times subject taught :6 Percentage of change in R-18 wrt R-16:--- % | | | |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | | |

1) General : Recommended to change from 5 units to 4 unit system.


Signature of the faculty with date

Date:

Faculty Feedback for Syllabi Revision for R-18

Name of the faculty: Dr. K. Ramesh Chandra

Designation: Associate Professor

Academic Year: 2018-2019

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|---|--|-------------|-------------|
| 1) | CH309 | Process Dynamics & Control | R16 | --- |
| | No of times subject taught : 04 Percentage of change in R-18 wrt R-16: Nil | | | |
| 2) | CH401 | Transport Phenomena | R16 | --- |
| | No of times subject taught :03 Percentage of change in R-18wrt R-16:Nil | | | |
| 3) | CH405 | Process Modeling and Simulation | R16 | --- |
| | No of times subject taught : 03 Percentage of change in R-18 wrt R-16: Nil | | | |
| 4) | CH453 | Instrumentation & Process Control Laboratory | R16 | --- |
| | No of times subject taught :04 Percentage of change in R-18 wrt R-16: 0% | | | |

K. Ramesh chandra
Signature of the faculty with date

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
 Department of Chemical Engineering

Date 7-4-18

Faculty Feedback for Syllabi Revision for R-18

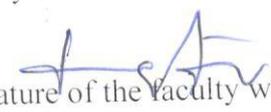
Name of the faculty: Dr. D.N.V.Satyanarayana

Designation: Associate Professor

Academic Year:2017-18

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|---|----------------------------------|-------------|--|
| 1) | CH 216 | Mechanical Operations | R-16 | |
| | No of times subject taught : 7 Percentage of change in R-18 wrt R-16: 0% | | | |
| 2) | CH 262 | Mechanical Operations Laboratory | R-16 | |
| | No of times subject taught : 7 Percentage of change in R-18 wrt R-16:0% | | | |
| 3) | CH 226 | Chemical Process Calculations | R-16 | ----- |
| | No of times subject taught : 6 Percentage of change in R-18 wrt R-16:0% | | | |
| 4) | CH 313 | Chemical Reaction Engineering-II | R-16 | Temperature dependency of K is deleted |
| | No of times subject taught : Percentage of change in R-18 wrt R-12:5% | | | |
| 5) | CHEL02 | Petroleum Refining | R-16 | |
| | No of times subject taught : Percentage of change in R-18 wrt R-12:0% | | | |
| 6) | CHOL02 | Biofuels | R-16 | |
| | No of times subject taught : Percentage of change in R-18 wrt R-12:0% | | | |

1) General :Recommended to change from 5 units to 4 unit system.


 Signature of the faculty with date

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date: 18-09-2019

Faculty Feedback for Syllabi Revision for R-18

Name of the faculty: Dr. P. Rohinikumar
 Designation: Associate Professor
 Academic Year: 2018-2019

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|--|------------------------------------|-------------|--|
| 1) | CH 212 | Professional Ethics & Human Values | R16 | No changes |
| | No of times subject taught : 2 Percentage of change in R-18 wrt R-16: 0 | | | |
| 2) | CH 206 | Material Technology | R16 | To be deleted : Corrosion and Ferrous Metals and alloys |
| | No of times subject taught :5 Percentage of change in R-18 wrt R-16: 20 | | | |
| 3) | CH 306(D) | Electro-Chemical Engineering | R16 | No changes |
| | No of times subject taught : 8 Percentage of change in R-18 wrt R-12:0 | | | |
| 4) | CH 354 | Pollution Control Laboratory | R16 | No changes |
| | No of times subject taught : 03 Percentage of change in R-18 wrt R-16: 0 | | | |
| 5) | CH306(B): General Pharmacy CH312(B): Pre-formulation Studies including CH406(B): Industrial Pharmacy CH 409(B) : Quality Control of Pharmaceutical Dosage Forms CH410(B): Validation and Documentation of Pharmaceuticals No of times subject taught : -- Percentage of change in R-18 wrt R-12: 0 | | R16 | No changes |
| 6) | CH 406 (D) | Nanotechnology | R16 | To be deleted : Nano biometrics and information in DNA |
| | No of times subject taught : 01 Percentage of change in R-18 wrt R-16: 20 | | | |


Signature of the faculty with date

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date

Faculty Feedback for Syllabi Revision for R-18

Name of the faculty: Smt. J. Lakshmi Jayanthi

Designation: Assistant Professor

Academic Year: 2018-19

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|--|--|-------------|---------------|
| 1) | CH210 | Inorganic chemical technology | R-16 | ---- |
| | No of times subject taught : Percentage of change in R-18wrt R-16: | | | |
| 2) | CH305 | Industrial Pollution Control | R-16 | To be deleted |
| | No of times subject taught : Percentage of change in R-18wrt R-16: | | | |
| 3) | CH304 | Organic Chemical technology | R-16 | ---- |
| | No of times subject taught : Percentage of change in R-18wrt R-16: | | | |
| 4) | CH 363 | Chemical Technology Lab | R-16 | To be deleted |
| | No of times subject taught : Percentage of change in R-18wrt R-16: | | | |
| 5) | CH410(D) | Bio-Chemical Engineering | R-16 | To be deleted |
| | No of times subject taught : Percentage of change in R-18wrt R-16: | | | |
| 6) | CH 311 | Industrial hazards and safety analysis | R-16 | To be deleted |
| | No of times subject taught : Percentage of change in R-18 wrt R-16: | | | |

J.L. Jayanthi

Signature of the faculty with date

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date :

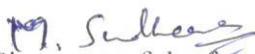
Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: M.Sudheera

Designation:Assistant Professor

Academic Year:2016-2017

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|---|----------------------------------|-------------|---|
| 1) | MC 002 | Environmental studies | R16 | No changes |
| | No of times subject taught :04 Percentage of change in R-18 wrt R-12:0% | | | |
| 2) | CH 215 | Momentum Transfer | R16 | No changes |
| | No of times subject taught : 5 Percentage of change in R-18wrt R-12:0% | | | |
| 3) | CHEL20 | Optimization of Chemical Process | R16 | To be Changed: 1. Regular course To be added : 1. Genetic Algorithms |
| | No of times subject taught : 4 Percentage of change in R-18wrt R-12: 05% | | | |


Signature of the faculty with date

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date 07-04-2016

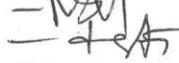
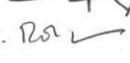
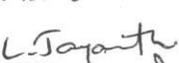
CIRCULAR

It is to inform you that the syllabus is going to be revised from the academic year 2016-17 with R-16 Regulations. So, keeping this in view, all the course co-ordinators and in-turn module coordinators(s) are required to give the suggestions to add / delete contents / chapter in your course, Which are fell to added / deleted in the course(s) of R-12 regulations by 10-04-2016.

These suggestions will be discussed in the next BOS meeting while finalizing the R-16 Syllabi.


(Dr. M. Venkateswara Rao)
Prof., & HOD ChE
Chairman, BOS – Chem. Engg.

c.c. to

1. Dr. C V Subrahmanyam
2. Sri K Ramesh Chandra - 
3. ~~Dr~~ D N V Satyanarayana - 
4. Sri P Rohini Kumar p. Rao - 
5. Sri D Kamalakar
6. Smt. J L Jayanthi J. L. Jayanthi - 
7. Sri K Siva Prasada Rao - 
8. Smt. M Sudheera M. Sudheera - 
9. Smt. A. Hemalatha

RVR &JC College of Engineering (Autonomous), Guntur – 522 019
 Department of Chemical Engineering

Date 8-4-2016

Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: Dr. C. V. Subrahmanyam

Designation: Professor

Academic Year : 2015-16

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|---|-------------------------------|-------------|--|
| 7) | ChE312 | Mass Transfer Operations - I | R-12 | For better understanding Absorption may be included. Ion Exchange and Membrane separation topic may be discussed in MTO-II |
| | No of times subject taught :5 Percentage of change in R-16 wrt R-12: 13% | | | |
| 8) | ChE312 | Mass Transfer Operations - II | R-12 | Ion Exchange and Membrane separation topic may be included in MTO-II. Absorption topic may be discussed in MTO-I |
| | No of times subject taught :5 Percentage of change in R-16 wrt R-12:13% | | | |
| 9) | ChE 215 | Chemical Process Calculations | R-12 | Calculations involving evaporation, dissolution and crystallization may be included. |
| | No of times subject taught :6 Percentage of change in R-16 wrt R-12:10 % | | | |
| 10) | | | | |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | — | — |
| 11) | | | | |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | — | — |
| 12) | | | | |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | — | — |

C. Subrahmanyam
 Signature of the faculty with date

8/4/16

Date

Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: Dr. K. Ramesh Chandra

Designation: Associate Professor

Academic Year: 2016-2017

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|---|--|-------------|--|
| 1) | ChE325 | Process Dynamics & Control | R12 | --- |
| | No of times subject taught : 04 Percentage of change in R-16 wrt R-12: | | | |
| 2) | ChE 413 | Transport Phenomena | R12 | Flow of two adjacent immiscible fluids-To be added. Nuclear heat source to be added in Energy transport. |
| | No of times subject taught :03 Percentage of change in R-16 wrt R-12:10% | | | |
| 3) | ChE 422 | Process Modeling and Simulation | R12 | 1) pH systems to be added 2) Numerical integration of ordinary differential equations: Euler Algorithm and Runge-Kutta (Fourth-Order) methods to be added. 3)Multi-component distillation column to be removed |
| | No of times subject taught : 03 Percentage of change in R-16 wrt R-12: 20% | | | |
| 4) | ChE361 | Instrumentation & Process Control Laboratory | R12 | --- |
| | No of times subject taught :04 Percentage of change in R-16 wrt R-12: 0% | | | |
| 5) | | | | |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | | |
| 6) | | | | |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | | |

K. Ramesh chandra
Signature of the faculty with date

RVR & JC College of Engineering (Autonomous), Guntur – 522 019
 Department of Chemical Engineering

Date 8/4/16

Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: Dr.D.N.V.Satyanarayana

Designation: Associate Professor

Academic Year : 2015-16

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|---|----------------------------------|-------------|---|
| 1) | ChE 225 | Mechanical Operations | R16 | No change |
| | No of times subject taught : 2 Percentage of change in R-16 wrt R-12: | | | |
| 2) | ChE 261 | Mechanical Operations Lab | R16 | No Change |
| | No of times subject taught : 4 Percentage of change in R-16 wrt R-12: | | | |
| 3) | ChE 314 | Chemical Reaction Engineering-I | R16 | One unit is shifted to CRE-II 25% Change |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | | |
| 4) | ChE 324 | Chemical Reaction Engineering-II | R16 | One unit is introduced 25% Change |
| | No of times subject taught : Percentage of change in R-16 wrt R-12: | | | |
| 5) | ChE 415 (B) | Bio Fuels | R16 | Some topics are introduced in unit I 10% change |
| | No of times subject taught :6 Percentage of change in R-16 wrt R-12: | | | |
| 6) | ChE 423 (F) | Petroleum Refining Engineering | R16 | Some topics are introduced in unit I 10% change |
| | No of times subject taught :8 Percentage of change in R-16 wrt R-12: | | | |
| 7 | 1. Petroleum Exploration 2. Petroleum well Logging and Technology 3. Natural Gas Production and its applications 4. Petrochemical Technology | | R16 | As petroleum industries are coming in AP, it is recommended the department to offer petroleum related courses. 100% change |


 Signature of the faculty with date 8/4/16

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date

Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: Dr. P.Rohinikumar

Designation: Associate Professor

Academic Year: 2016-2017

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|--|---|-------------|---|
| 1) | ChE125 | Introduction to Chemical Engineering | R12 | To be added : 1. Role and Scope of Chemical Engineering 2. Role of basic sciences in Chemical Engineering |
| | No of times subject taught : 04 Percentage of change in R-16 wrt R-12:10 | | | |
| 2) | ChE 215 | Chemical Process Calculations | R12 | To be added : Behavior of ideal gases and Elaborate the Contents of material balance & Energy balance in syllabus |
| | No of times subject taught : 4 Percentage of change in R-16 wrt R-12: 20 | | | |
| 3) | ChE 223 | Professional Ethics & Human Values | R12 | No changes |
| | No of times subject taught : 2 Percentage of change in R-16 wrt R-12: 0 | | | |
| 4) | ChE 311 | Material Technology | R12 | To be added : Powder technology and Corrosion Engineering To be deleted : Atomic Structures and crystal imperfections, crystal geometry in syllabus |
| | No of times subject taught : 5 Percentage of change in R-16 wrt R-12: 20 | | | |
| 5) | ChE 326 (A) | Electro-Chemical Engineering | R12 | To be added : 1. Corrosion techniques 2. The lead acid accumulator, The Davityan Water –gas cell etc., To be deleted : Reversible Electrolytic cells topics in syllabus |
| | No of times subject taught : 7 Percentage of change in R-16 wrt R-12:20 | | | |
| 6) | ChE:454 | Industrial Pollution Control Laboratory | R12 | No changes |
| | No of times subject taught : 02 Percentage of change in R-16 wrt R-12: 0 | | | |
| 7) | -- | -- | R12 | Now a days pharmaceutical industries are largely expanded and more number of job opportunities are |
| | No of times subject taught : -- Percentage of change in R-16 wrt R-12: -- | | | |

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

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|----|--|----------------|---|--|
| | | | opened, particularly Chemical Engineering graduates, so Pharma related courses are require to be included in syllabus | |
| 8) | ChE 423 (D) | Nanotechnology | R12 | To be added : Nano-biology and Safety measures |
| | No of times subject taught : 01 Percentage of change in R-16 wrt R-12: 10 | | | |


Signature of the faculty with date

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date : 08.04.2016

Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: M.Sudheera

Designation: Assistant Professor

Academic Year: 2016-2017

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|--|----------------------------------|-------------|--|
| 1) | ChE212 | Environmental studies | R12 | To be added : Solid waste management |
| | No of times subject taught : 04 Percentage of change in R-16 wrt R-12:10% | | | |
| 2) | ChE 216 | Momentum Transfer | R12 | No changes |
| | No of times subject taught : 5 Percentage of change in R-16 wrt R-12: 0% | | | |
| 3) | ChE 424 (C) | Optimization of Chemical Process | R12 | To be Changed : 1. Regular course To be added : 1. Genetic Algorithms |
| | No of times subject taught : 4 Percentage of change in R-16 wrt R-12: 20% | | | |


Signature of the faculty with date
08/04/16

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

Date

Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: Mr. K. Siva Prasada Rao

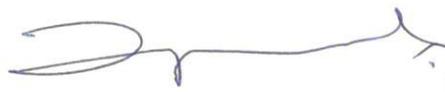
Designation: Associate Professor

Academic Year : 2016-2017

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|--|--|-------------|---|
| 1) | ChE 316 | Process Instrumentation | R12 | To be added Ion-Exchange Chromatography, Ion Paper Chromatography, paper chromatography and Effect of Temperature on HPLC, Applications of HPLC, Thermo-Gravimetric Analysis |
| | No of times subject taught : 04 Percentage of change in R-16 wrt R-12: 20 | | | |
| 2) | ChE 226 | Chemical Engineering Thermodynamics I | R12 | To be removed Thermodynamic Properties of fluids and thermodynamic diagrams To be added Heat Effects |
| | No of times subject taught : 3 Percentage of change in R-16 wrt R-12: 25 | | | |
| 3) | ChE 315 | Chemical Engineering Thermodynamics II | R12 | To be removed Heat Effects To be added Thermodynamic Properties of fluids and thermodynamic diagrams, Production of power from heat |
| | No of times subject taught : 2 Percentage of change in R-16 wrt R-12: 30 | | | |
| 4) | ChE 415(A) | Energy Engineering (Open Elective) | R12 | To be added Electrical storage- lead acid battery |
| | No of times subject taught : 4 Percentage of change in R-16 wrt R-12: 5 | | | |
| 5) | ChE 326 (F) | Fluidization Engineering (Elective) | R12 | NIL |
| | No of times subject taught : 4 Percentage of change in R-16 wrt R-12: Nil | | | |
| 6) | ChE 262 | Computational Programming Laboratory | R12 | NIL |
| | No of times subject taught : 8 Percentage of change in R-16 wrt R-12: Nil | | | |

RVR &JC College of Engineering (Autonomous) , Guntur – 522 019
Department of Chemical Engineering

| | | | | |
|-----|--|--|-----|-----------------------|
| 7) | ChE 411 | Computer Applications in Chemical Engineering | R12 | Subject to be Removed |
| | No of times subject taught : 5 Percentage of change in R-16 wrt R-12: Nil | | | |
| 8) | ChE 453 | Computer Applications in Chemical Engineering Laboratory | R12 | Nil |
| | No of times subject taught : 8 Percentage of change in R-16 wrt R-12: Nil | | | |
| 9) | ChE 461 | Computer Aided Process Equipment Design Laboratory | R12 | Nil |
| | No of times subject taught : 8 Percentage of change in R-16 wrt R-12: Nil | | | |
| 10) | ChE 423 (E) | Computer Aided Design | R12 | Nil |
| | No of times subject taught : 2 Percentage of change in R-16 wrt R-12: Nil | | | |


 Signature of the faculty with date 7/4/16

Date 08/04/2016

Faculty Feedback for Syllabi Revision for R-16

Name of the faculty: Smt.J. Lakshmi Jayanthi

Designation: Assistant Professor

Academic Year : 2016-17

| S.No. | Course Code | Course Name | Regulations | Suggestions |
|-------|--|--|-------------|---|
| 1) | ChE 313 | Inorganic chemical technology | R-12 | No |
| | No of times subject taught : 3 Percentage of change in R-16 wrt R-12: | | | |
| 2) | ChE 321 | Industrial Pollution Control | R-12 | Solid waste management topic to be added |
| | No of times subject taught : 3 Percentage of change in R-16 wrt R-12: | | | |
| 3) | ChE 323 | Organic Chemical technology | R-12 | No |
| | No of times subject taught : 6 Percentage of change in R-16 wrt R-12: | | | |
| 4) | ChE 363 | Chemical Technology Lab | R-12 | Some experiments to be deleted |
| | No of times subject taught : 8 Percentage of change in R-16 wrt R-12: | | | |
| 5) | ChE 414 | Bio-Chemical Engineering | R-12 | Fermentation technology and Transport phenomena in Bio Process systems topics to be added. |
| | No of times subject taught : 4 Percentage of change in R-16 wrt R-12: | | | |
| 6) | ChE424 (F) | Industrial hazards and safety analysis | R-12 | Safety aspects of site selection, layout and unit plot planning. Flammability Characteristics of Liquids and Vapors. Concepts to Prevent Fires and Explosions: Explosion-Proof Equipment and Instruments, Ventilation, Sprinkler Systems. FMEA topics to be added |
| | No of times subject taught : 6 Percentage of change in R-16 wrt R-12: | | | |

J-L Jayanthi 8/4/2016
Signature of the faculty with date

FACULTY FEEDBACK

Name of the faculty: Dr. C. Tarasankar

Designation: Asst. Professor

Academic Year: 2015-16

| Course code with Name | Regulation | Suggestions |
|---------------------------------------|------------|--|
| <u>ME41A</u> | <u>R12</u> | <u>• Analysis of frames can be dealt as a chapter.</u> |
| No of times Subject Taught : <u>5</u> | | |

C. Tarasankar
Signature with date 7/4/16

FACULTY FEEDBACK

Name of the faculty: Dr. N. V. V. S. Sudheer

Designation: Module Co-ordinator for Thermal stream

Academic Year: 2015-16

| Course code with Name | Regulation | Suggestions |
|------------------------------|-------------|--|
| <u>ME216 Fluid Mechanics</u> | <u>R-12</u> | <u>Combined with Hydraulic Machines and make it as a subject as FM lab is in second year. This is helpful for students to study new subject in this space.</u> |
| No of times Subject Taught : | | |

N. V. V. S. Sudheer
Signature with date 7/4/16

Department of Mechanical Engineering
R.V.R. & J.C. College of Engineering (A) : Guntur - 522019.

FACULTY FEEDBACK

Name of the faculty: Dr. N. Govind

Designation: Assoc. Professor

Academic Year: 2015-16

| Course code with Name | Regulation | Suggestions |
|---------------------------------|------------|---|
| ME424/B | R12 | <ul style="list-style-type: none">• Specific applications of CNTs can be included.• Preparation & application MEMS & NEMS can be included as single unit.• Mechanics at nanoscale be dealt. |
| No of times Subject Taught : 10 | | |

N. Govind
Signature with date 6/4/2016

Department of Mechanical Engineering
R.V.R. & J.C. College of Engineering (A) : Guntur - 522019.

FACULTY FEEDBACK

Name of the faculty: K. Lakshmi Chaitanya

Designation: Asst prof

Academic Year: 2015-16

| Course code with Name | Regulation | Suggestions |
|--------------------------------|------------|---|
| ME224 | R12 | <ul style="list-style-type: none">• Importance should be given on testing & evaluation methods• Ceramic materials can be included as a chapter |
| No of times Subject Taught : 6 | | |

K. Lakshmi Chaitanya
Signature with date 6/4/16

FACULTY FEEDBACK

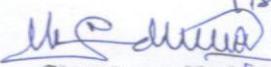
Name of the faculty: Dr N V S. Sudhara.

Designation: Asso. Prof.

Academic Year: 2015-16

Module co-ordinator
Thermal Stream.

| Course code with Name | Regulation | Suggestions |
|------------------------------|------------|--|
| elective | | Solar Radiation & Energy Conservation can be included as an elective course so that the students can learn about green energies and contemporary issues. |
| No of times Subject Taught : | | |


Signature with date
7/4/16.

FACULTY FEEDBACK

Name of the faculty: Y. N. V. Sai Ram

Designation: ASST. PROFESSOR

Academic Year: 2015-16

| Course code with Name | Regulation | Suggestions |
|------------------------------|------------|---|
| ME326C | R-12 | variations in viscosity & Measurement can be included. Hydrostatic lubrication can be included as a chapter. - stress on Sommerfeld number & its significance |
| No of times Subject Taught : | 01 | |


Signature with date
7/4/16

Department of Mechanical Engineering
R.V.R. & J.C. College of Engineering (A) :: Guntur - 522019.

FACULTY FEEDBACK

Name of the faculty: Dr K - RAVINDRA

Designation: professor

Academic Year: 2015-16

| Course code with Name | Regulation | Suggestions |
|--|------------|--|
| Design of Transmission Elements 322 | R-12 | - Effective load on the gear tooth in helical gears can be increased - several considerations of worm gears can be dealt. |
| No of times Subject Taught : 8 | | |

 7/4/16

Signature with date



Date: 20.01.2016

CIRCULAR

This is to bring to the staff members concerned that as per the findings of the committee members of BOS in Mechanical Engineering held on 04.01.2016 (Monday), all the respective co-ordinators are informed to make necessary amendments to the syllabus as discussed and submit the softcopy to the undersigned on or before 27.01.2016 (Wednesday) without fail.

GENERAL SUGGESTIONS

1. Financial Management subject can be added.
2. Course on plastics can be introduced.
3. Repetition of topics (Robotics, Nano-Technology, Turbines, R & A/C and Sensors) present in various subjects.
4. Digital Product Design & Manufacturing subject can be added.
5. Product Life Cycle Management can be added.
6. Conditioning Monitoring concepts can be added.
7. Industrial Fire & Safety subjects can be added.
8. Materials Technology can be added.
9. MATLAB for Mechanical Engineers Lab needs name (title) change. Seems very vast syllabus and needs more focus on simulink exercises.
10. Alternate names to ANSYS, CATIA, AUTO CAD Labs.
11. Units re-organization can be done for the following subjects:-
 - a. E.M-I, E.M-II, S.M-I, S.M-II Units can be re-organized.
 - b. F.E.M can be re-organized. Add frames also.
 - c. B.T.D III, IV & V Units can be reorganized.
 - d. C.F.D subject can be reframed as it is more of FEM & FDM.
 - e. Solar Radiation Unit-IV & V Title are same.
 - f. Energy Resources Utilization needs more topics on utilization.
 - g. Operations Management Units to be re-organized.
 - h. Advanced concepts of Mechanical Engineering Title has to be changed and syllabus to be re-framed, Fuzzy Logic can be removed.
12. Add Additive Manufacturing, 3D Printing, Rapid Prototyping concepts in any Elective subject.
13. Basic Principles of Management can be enhanced.
14. In Operations & Research, Introduction to Crashing can be added.

[Dr. K. Ravindra]
Prof., & HOD, M.E

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

Date: 17.06.2017

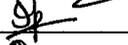
CIRCULAR

It is to inform you that the syllabus is going to be revised from the academic year 2017 – 2018 with R-17 Regulations. So, keeping this in view, all the faculty members are required to give the suggestions to add / delete content / chapters in your course, which are fell to be added / deleted in the course(s) of R-17 regulations by 22.06.2017

These suggestions will be discussed in the BOS meeting while finalizing the R-17 regulations & syllabi.



(Sri. Ch.Srinivasa Rao)
I/C HOD
Chairman, BOS

| | | | | | |
|---------|---|---------|---|--------|---|
| Dr. KKP |  | Dr. ChS |  | Dr. MS |  |
| INP |  | MV |  | ChSS |  |
| THM |  | PSP |  | VSL |  |
| MCH |  | BKM |  | MBH |  |

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: K. Karthika Raman

Designation: Professor

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|--------------------------------|------------|---|
| CA111 - Problem Solving with C | R17 | Introducing the Problems appear in HackerRank, HackerZith sites and practicing online code submission at least in 2/3 lab sessions. |
| No. of times subject Taught: 6 | | |

Signature with Date

K. Karthika Raman
20/6/2017

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: K. Karthika Ewan

Designation: Professor

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|-----------------------------------|------------|---|
| MCA203- Data Structures using C++ | 2017 | Better to introduce the recent programming language 'Python' & try to implement Data Structures using Python. |
| No. of times subject Taught: 6 | | |

Karthika Ewan 15/7/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: *K. Kanteerka Gnan*

Designation: *Professor*

Academic Year: *2017-18*

| Course Code With Name | Regulation | Suggestions |
|--|-------------|---|
| <i>MCA 102: Programming with C</i> | <i>2015</i> | <i>Include Algorithms & Flowcharts, & pseudo codes for Problem solving suggested to consider 'Programming with C', K.R Venugopal & Sudeep R. Prasad as reference Text book.</i> |
| No. of times subject Taught: <i>6</i> | | |

K. Kanteerka Gnan
Signature with Date *18/7/2017*

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: K. Revathi Lakshmi

Designation: Professor

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|------------------------------|------------|--|
| | 2015 | Try to introduce Machine Learning Course |
| No. of times subject Taught: | | |

K. Revathi Lakshmi 25/11/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: Dr. Ch. Suneetha

Designation: Associate Professor

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|------------------------------|------------|--|
| | R17 | Introduce Add new subject "Soft computing" or for the benefit of students. A |
| No. of times subject Taught: | | |

Ch. Suneetha 21/6/17
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: DY. Ch. Suneetha

Designation: Associate Professor

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|---------------------------------------|------------|--|
| MCA501 Data mining and Big Data | R13 | Recently by the university "Data warehousing and data mining" subject is changed as "Data mining and Big data". Hence some requested to propose same syllabus. Accordingly the lab programs are also ^{to be} added. |
| No. of times subject Taught: 3 | | |

Ch. Suneetha 21/6/17
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: *Dr. M. SRIDHAR*

Designation: *Assoc. Prof.*

Academic Year: *2017-2018*

| Course Code With Name | Regulation | Suggestions |
|---|--|---|
| <i>PCA 301: Object oriented programming K. Lakshmi Devi</i> | <i>2017-2018</i> <i>RM</i> | <i>Networks Concept, has to be introduced</i> |
| No. of times subject Taught: <i>3</i> | | |

M. Sridhar 21/06/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: Dr M. SRINIVASAN

Designation: Asst. Prof.

Academic Year: 2017-2018

| Course Code With Name | Regulation | Suggestions |
|--------------------------------|-----------------------------|--------------------------------------|
| Med 403: web Technology | 2016-2017 R17 | Has to be moved from HTML4 to HTML5. |
| No. of times subject Taught: 5 | | |

M. Srinivasan 20/06/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: Dr. M. SRINATH

Designation: Asst Prof

Academic Year: 2017-2018

| Course Code With Name | Regulation | Suggestions |
|------------------------------|------------------|---|
| | 2017-2018 R17 | For the benefit of the students it is recommended new course for the students. ① Web Security. ② Information Retrieval System |
| No. of times subject Taught: | | |


Signature with Date 21/06/2017

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: I. Nagar Padmaja

Designation: Asst. Professor

Academic Year: 2017-2018.

| Course Code With Name | Regulation | Suggestions |
|--------------------------------|------------|---|
| MCA504.1 - Embedded Systems | R17 | Applications of Embedded Systems is to be introduced as new unit V. |
| No. of times subject Taught: 6 | | |

I. Nagar Padmaja
Signature with Date 21/6/2017

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: Ch. Sudha Reddy

Designation: Asst. Professor

Academic Year: 2017-2018

| Course Code With Name | Regulation | Suggestions |
|------------------------------|------------|--|
| | R14 | For the benefits of the students it is recommended to introduce new course with title Image Processing using MATLAB. |
| No. of times subject Taught: | | |

Ch. Sudha Reddy 21/06/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: ~~Sr.~~ Ch. Sudha Reddy

Designation: Asst. Professor

Academic Year: 2017 - 2018

| Course Code With Name | Regulation | Suggestions |
|---|------------|---|
| MCA 503 Design and Analysis of Algorithms | R14 | Recommended the same university syllabus |
| No. of times subject Taught: 6 | | |

Ch. Sudha Reddy 21/06/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: M.Vasavi

Designation: ASST. Prof;

Academic Year: 2017-2018

| Course Code With Name | Regulation | Suggestions |
|---|-----------------------|---|
| mci04 (Discrete mathematical structures) | B16 R17 | Add new chapter content i.e modeling computations, i.e file recommended. |
| No. of times subject Taught: | 3 | |

M.Vasavi
19/10/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: M. Vasavi

Designation: ASST. PROF.;

Academic Year: 2017 - 2018

| Course Code With Name | Regulation | Suggestions |
|---|-----------------------|---|
| MCA 402 (object oriented modeling and design using UML) | R16 R17 | Reorganize the same syllabus to five units. |
| No. of times subject Taught: | 4 | |

M. Vasavi 19/6/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: *Hymavathi T*

Designation: *Assistant Professor*

Academic Year: *2017-2018*

| Course Code With Name | Regulation | Suggestions |
|---------------------------------------|------------|---|
| <i>MCA502 · Net Programming</i> | <i>R17</i> | <i>Introduce the new textbook and the syllabus has to be framed according to the new textbook</i> |
| No. of times subject Taught: 9 | | |

Hymathi T 21/06/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: *Hymavathi.T*

Designation: *Assistant Professor*

Academic Year: *2017-2018*

| Course Code With Name | Regulation | Suggestions |
|------------------------------|------------|--|
| | <i>R14</i> | <i>For the benefits of the students It is recommended to introduce new course with title software Testing and Quality Assurance.</i> |
| No. of times subject Taught: | | |

Hymathi.T
Signature with Date *21/06/2017*

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: Hymalathi-T

Designation: Assistant Professor

Academic Year: 2017-2018

| Course Code With Name | Regulation | Suggestions |
|---------------------------------|------------|--|
| | R19 | For the benefits of the students It is recommended to introduce new course with title software Project Management |
| No. of times subject Taught: | | |

Hymalathi-T 21/06/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: P. Siva Prasad

Designation: Asst. prof.,

Academic Year: 2017 - 18

| Course Code With Name | Regulation | Suggestions |
|------------------------------|------------|--|
| - | R18 | Introduce new subject " open source systems" for the benefit of students |
| No. of times subject Taught: | | |


21/06/2017
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: V. Sujatha Lakshmi

Designation: Asst. Prof.,

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|--|------------|--|
| MCA405.2 - cryptography & Network security | R 19 | <p>Basic concepts in Number theory and Finite Fields" concept is to be introduced in UNIT - II</p> <p>→ 6th Edition text book - Cryptography & Network security - William Stallings is suggested.</p> |
| No. of times subject Taught: | | |

V. Sujatha Lakshmi
Signature with Date 29/7/2017

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: T. BRAHMAIAH

Designation: Asst. prof.

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|--------------------------------------|------------|---|
| NCA103 - Computer Organization | R17 | Computer Organization and architecture - Design and performance - William Stallings 8th edition is suggested |
| No. of times subject Taught: 6 | | |

T. Brahmaiah 24/6/17
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: M. BRAHMAIAH

Designation: Asst. Prof

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|---------------------------------------|------------|--|
| ITCA 202 - Database Management System | R16 | Latest edition (6th edition) Fundamentals of DBMS - Ramez-elmamahi, Shankant B Navathi is suggested |
| No. of times subject Taught: 5 | | |

M. Brahmaiah 22/6/17
Signature with Date

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: M. CHAITANYA

Designation: Asst. Prof

Academic Year: 2017-18

| Course Code With Name | Regulation | Suggestions |
|--------------------------------|---------------------------|---|
| MCA 304 Computer Graphics | 2016-17 R17 | Multimedia Content has to be added for the University syllabus. |
| No. of times subject Taught: 7 | | |

M. Chaitanya
Signature with Date
21/6/2017

DEPARTMENT OF COMPUTER APPLICATIONS

R.V.R & J.C COLLEGE OF ENGINEERING (A) :: GUNTUR – 522019.

FACULTY FEEDBACK

Name of the faculty: *Bh. Krishna mohan*

Designation: *Assistant Professor*

Academic Year: *2017 - 18*

| Course Code With Name | Regulation | Suggestions |
|--|------------|---|
| <i>MCA404</i> <i>SOFTWARE ENGI- NEERING</i> | <i>R17</i> | <ol style="list-style-type: none"> 1) Content added as per the new edition. 2) As per the new edition in unit I will be add. 3) As per the new edition a case study will be add. |
| No. of times subject Taught: <i>05</i> | | |

Bh. Krishna mohan
Signature with Date *12/6/2017*

R.V.R & J.C COLLEGE OF ENGINEERING, CHOWDAVARAM, GUNTUR – 522019.

DEPARTMENT OF COMPUTER APPLICATIONS

Note submitted to the BOS chairman:

Dt: 25.06.2017

Sub: Faculty feedback on addition/deletion of syllabus contents in R-17 regulations – Reg.,
Ref: Circular dated on 17.06.2017.

As per the circular cited above, it is to inform you that some modifications are suggested in the contents of R17 syllabus by the faculty. The following are the list of subjects in which the topics are suggested to additions/deletions in R17 regulations.

| S.No | Subject Code | Subject Name | Remarks |
|------|--------------|--|---|
| 1. | MCA101 | Problem Solving with C | Include algorithms, Flow Charts & Pseudo codes for problem Solving. Introducing the problems appear in HackerRank, HackerEarth sites and practicing online code submission atleast in 2/3 lab sessions. |
| 2. | MCA103 | Computer Organization | Recommended the 8 th edition. |
| 3. | MCA104 | Discrete Mathematical Structures | Add new content on modelling computation. |
| 4. | MCA202 | Data Base Management Systems | Recommended the 6 th edition. |
| 5. | MCA203 | Data structures using C++ | Better to introduce the recent programming language 'Python' & try to implement Data structures using Python. |
| 6. | MCA301 | Object Oriented Programming through Java | Network Programming concepts has to be added. |
| 7. | MCA304 | Computer Graphics | Multimedia content has to be added. |
| 8. | MCA402 | Object Modelling and Design using UML | Reorganize the same syllabus in to five units |
| 9. | MCA403 | Web Technologies | Has to move from HTML 4.01 to HTML 5. |
| 10. | MCA404 | Software Engineering | Recommended the edition. Include case studies in the syllabus. |
| 11. | MCA405.2 | Cryptography and Network security | Basic concepts in number theory and finite fields are to be introduced. |
| 12. | MCA501 | Data Mining and Big Data | Recently by the University "Data Warehousing and Data Mining" subject is changed as "Data Mining and Big Data". Hence requested to proposed same |

| | | | |
|-----|----------|---------------------|---|
| | | | syllabus. Accordingly the lab programs are to be added. |
| 13. | MCA502 | Dot Net Programming | Introduce the new textbook and the syllabus has to frame accordingly. |
| 14. | MCA504.1 | Embedded Systems | Applications of Embedded systems are to be introduced as new unit. |

Recommended the following new courses in the syllabus:

| S.No | Name of the Course |
|------|--|
| 1. | Machine Learning |
| 2. | Soft computing |
| 3. | Web Services |
| 4. | Information Retrieval Systems |
| 5. | Image Processing Using MATLAB |
| 6. | Software Testing and Quality Assurance |
| 7. | Software Project Management |
| 8. | Open Source Systems |

M. Sridhar

(Dr. M.Sridhar)

Program Coordinator