Proceedings of the 7th BOS meeting of Civil Engineering department held on 21-6-2013

Agenda

1. To read and record the proceedings of BOS meeting held on 11th July 2012

2. To consider the syllabus and scheme of Fourth year UG course in Civil Engineering

3. To consider the revised syllabus of 2nd year and 3rd year UG course in Civil Engineering

4. To introduce principles of Engineering design as a core course in first year

5. To shift the ENG Scram which is presently in First year to second year of UG programme

6. To return the scheme of teaching, examination and syllabus of 1st to 7th sem UG

Name

Dr. G. Samangabamu
Dr. K. Manjunath
M. S. Sudarshan
Dr. Latshman Naadagiri
RVP
Dr. G. RAVI
T. H. Sadasiva Murthy
Dr. Y. M. Manjunath
Dr. Yury Forde
Dr. P. N. Chandramouli
K. C. Manjunath
Dr. H. S. Prasanna
Dr. G. S. Srinivasa
K. S. Nanjunda Rao
N. R. Ashok

Signature

G. Samangabamu
M. S. Sudarshan
K. C. Manjunath
H. S. Prasanna
N. R. Ashok
Proceedings

1. Read & recorded

2. Scheme of 7th & 8th Sem.
   Scheme approved.

Discussion of blown up syllabus of VII & VIII Sem Subject

a) Mr. Sudarshan suggested to include topic on measurement in quality surveying CV411.

b) Mr. Ashok & Mr. Sudarshan suggested to revise the syllabus of Transportation Engg. (CV412) (40:0)

c) Dr. Nanjunda Rao suggested to introduce stress-strain response of concrete cylinder in structure lab. Load test on structure as per IS456-2000, core test.

d) Mr. V.K. Ashok, Dr. K. Manjunath & Mr. Sudarshan to add few advanced topics

e) Mr. Sudarshan suggested to add design of sub-structures instead of railway bridges & to delete masonry in the subject bridge Engg.

f) Mr. Sudarshan suggested to introduce design of RC walls instead of elevated water tank in the advanced reinforced cement concrete.

g) All members suggested to revise the foundation engg. Engrg. with the subject Earth & Earth retaining structure Engg. course Applied geotechnical Engrg.

h) Mr. V.K. Ashok suggested to introduce shear connectors & anchorage blocks in unit IV of prestressed concrete Engrg.
To delete unit VIII from syllabus

i) To replace unit vi with water proofing in the subject Repair & Rehabilitation (CUG15)

j) To include 'DENAT'S and constructed wetlands in unit 8 of CV414 (waste water engg)

k) To include GIS as a core subject in part of Subject Surveying, in the next revision of Scheme

l) To include use of an additional software for GIS analysis for the subject CUG05 (GIS)

m) The title of the subject CV416 shall be changed from 'Hydraulics and Hydraulic Machine' to 'Hydraulic Machine'

n) To include the topics 'Selection of turbine and selection of pumps' in the subject CV316 (Hydraulic Machinery)

3. Approved.

4. Approved

5. Approved

6. Approved.

Any other subject:

a) Internship to be adopted as suggested by Mr. N.K. Akele

b) To club earth & earth retaining & foundation to "Design of Sub Structure"

c) To change name of "Masonry structure" as "Structural Masonry"
d) To include scheduling of fabrication in the course CIV 413, Design & detailing of civil structures.

e) Inclusion of ‘low flows’ in hydrological modeling (MTH 621)

f) i) To delete ‘sustained yield & reservoir life’ in unit vii of subject MTH 621 (hydrological modeling)

ii) To shift unit vi (hydrograph study) of MTH 6611 (surface water hydrology) to MTH 621 (hydrological modeling)

The suggestions given by the honorable members of BDS have been incorporated while finalizing the syllabus.
Proceedings of the 8th BOS meeting of Civil Engg. held on 30-6-2014

Agenda

1. To read and record the proceedings of BOS meeting held on 21-6-2013

2. Scheme of teaching and examination of 1st and 2nd Semester B.E degree course to be effective from the academic year 2014-15

3. Syllabus of Engg mechanics (1st and 2nd sem) B.E degree course to be effective from the academic year 2014-15

4. Proposed scheme of teaching and examination of 3rd to 8th sem B.E degree course for the batch admitted during the academic year 2013-14

5. Syllabus of 3rd and 4th Semester B.E degree course for the batch admitted during the academic year 2013-2014

6. To consider the syllabus of (III year) 5th and 6th sem B.E degree course for the batch admitted during the academic year 2012-2013

7. To consider the syllabus of (III year) 7th and 8th sem B.E degree course for the batch admitted during the academic year 2012
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Proceedings:
1) Read and recorded the proceedings of Board meeting held...
2) Approved
3) 
4) 
5) 
6) 
7) 
8) 

9) Discussed Vision mission, pos coD, PEO and PEO were accepted without any modification.
Proceedings of the 9th Bos meeting of Civil Engg Dept held on 27-06-15

Agenda

1. Read and Record the proceedings of Bos meeting held on 20-06-15

(2) Vision mission, GA, PE, and PEO

(3) Amendments in PEOs and PEEs

(4) Scheme of Teaching and Examination of 1st and 2nd Semester B.E Degree Programme (common to all branches)

(5) Syllabus of 1st and 2nd Sem B.E Exam degree programme (common to all branches) to be effective from the academic year 2015-16

6) Scheme of teaching & examination of 3rd to 6th semester B.E degree programme for the batch admitted during the academic year 2014-15

7) Syllabus of 3rd & 4th semester B.E degree programme for the batch admitted during the academic year 2014-15

8) Syllabus of 5th & 6th semester B.E degree programme for the batch admitted during the academic year 2015-16

9) Syllabus of 7th & 8th semester B.E degree programme for the batch admitted during the academic year 2012-13

10) Scheme of teaching & examination of M.Tech degree programmes offered by the dept, to be effective from the academic year 2015-16
1) Syllabus of 1st to 4th semester of M.Tech degree programmes offered by dept, to be effective from the academic year 2015-16

Members Present

1. Dr. N. Suresh

2. Dr. H.S. Prasanna M.S. Prasanna

3. Dr. G.P. Chandrachhor

4. K.V. Shivaras

5. Dr. H.S. Suresh Chandra

6. Dr. Gury James

7. Dr. P.N. Chandrabasuni

8. Dr. V.M. Manjunath

9. T.H. Sadasiva Murthy

10. K.C. Marymott

11. Dr. G. Gaj

12. Dr. D. Sreeva

13. Dr. M.S. Gomendra

14. Sri. Kantha

15. Kanchana M.S.

16. Vidhya V.K.

17. Anisha M.K.

18. Vedaprada R.

19. Tejasvi H.

20. Dr. G.S. Suraya

Proceedings:

1. Read and recorded.

2. Discussed in detail.

3. Full suggestions were made to improve the attainment:
   - Special lectures or talks have to be arranged for students to prepare
     for GATE exams by private organisation such as GATE forum, technical
     talks through civil engineering association
   - Syllabus should be aligned to GATE Syllabus
   - Identify alumni's to address the students to motivate them
     to take up higher studies after graduation
   - Online examination for final year student
   - To develop leadership quality (team work) in the students by
     conducting training programme.
   - Tree planting programme, awareness prog & extra curricular
     activities related to societal needs to be increased so as to develop
     attitude towards social responsibility.

4. Approved.

5. Approved.

6. Approved & suggested to reduce the no. of credits in 2nd sem.

7. Approved.

8. Approved.

9. Approved. However, make PSC as 6th course.

10. Approved.

11. Approved.
Proceedings of the 10th BOS meeting of Civil Engg. Dept.
held on 27.05.2016

Agenda

1. Consideration of the proposed syllabus for fourth year UG Course in Civil Engg.
2. Consideration of proposed scheme and concise syllabus from 3rd to 8th semester for the batch of students admitted during the academic year 2016-17.
3. Minor modification in existing PG syllabus.

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Department of Civil Engineering
The National Institute of Engineering, Mysuru-08

PROCEEDINGS OF 10th BOS MEETING – Held on 27.05.16

Agenda

1. To read and record the proceedings of the previous BOS meeting (held on 27.05.15)
2. Consideration of the proposed syllabus for fourth year (7th and 8th Semester) UG course in Civil Engineering
3. Consideration of proposed core and elective syllabus from 3rd to 8th semester for the batch of students admitted during the academic year 2016 – 17
4. Major modifications in existing PG syllabus

Proceedings

1. The proceedings of the previous BOS meeting (held on 27.05.15) were read and recorded.
2. The proposed syllabus for fourth year (7th and 8th Semester) UG course in Civil Engineering were accepted with the following suggestions:
   i. Subject code numbers are to be arranged according to their ascending order.
   ii. Environmental Engineering Laboratory (ENV120) – sampling procedures to be included as a self-learning exercise (SLR)
   iii. Concrete and NDT Laboratory (CON121) – to include both river sand and M-Sand, in the test on aggregates. Also to include bulk density test on aggregates.
   iv. Professional Communication (CIV121) – to include group discussion and Public speaking in Unit VI
   v. Pipe Network Analysis and Design (WAS558) – the course instructor has to outline and reduce the syllabus.
   vi. Earth & Earth Retaining Structures (CIV837) – is to be renamed as “Earth Retaining Structures”
   vii. Water Resources Engineering and Management (WAS338) – to remove “Karnataka” in “Water resources development in Karnataka” (Unit I) and make it “Water resources development in India”
   viii. Quantity Surveying & Estimation (CIV412) – a software can be used for bill of quantities as a self-learning exercise (SLR)

Department of Civil Engineering, NIE Mysuru - 08
Design and Detailing of Steel Structures (CV0204) - the reference to be given as per the standard format.

The inclusion of Construction Surveying (CV0211); Structural Project (CV0204); and Engineering Economics and Financial Management (CV0435) were appreciated by the BDS members.

3. The proposed scheme and concise syllabus for 3rd to 6th semester for the batch of students admitted during the academic year 2016 – 17 were accepted with the following suggestions:

i. Study of Rain Water Harvesting need to be included in Environmental studies as a basic topic and a detailed topic in Water Supply Engineering (CV0436)

ii. Metal and Wood Testing Laboratory (CV0119) has to be renamed as “Metal and Timber Testing Laboratory”

III. Seminar (CV0165): presentation should include Literature review

iv. Design & Drawing of Irrigation Engineering (CV0367) - the typo error in the subject title “Engineering” has been replaced with “Structures”. The correct subject title is “Design & Drawing of Irrigation Structures”

v. Remote Sensing and GIS (CV0321) - to include a standard book on remote sensing for reference

vi. Computer Applications in Civil Engineering (CV0331) - the existing syllabus is to be modified

vii. Engineering Mechanics (CV0401) - to rewrite the LO’s of the subject and to include suggested minor changes proposed by BDS

viii. Concrete Technology (CV0474) - to include “Properties of Concrete” by A.M. Neville as a reference book

ix. Hydrology and Irrigation Engineering (CV0437) - it is to be renamed as “Irrigation Engineering”

4. Minor modifications in existing PG syllabus (M. Tech, Structures)

i. The revised syllabus proposed by Dr. D. V. Sinishkdar (retired Professor and Head, CED) for the subject “Analysis and Design of Sub-Structures – (MSE0509)” was approved.
Proceedings of the 11th BOS meeting of Civil Engg Dept. held on
13.06.2017

Agenda:

1. Consideration of the proposed blown up/detailed syllabus for third and fourth semester UG Course in Civil Engg. for the batch of students admitted during the academic year 2016-17.
2. Minor modification in existing 5th to 8th Semester UG Syllabus.
3. Consideration of proposed new Elective “Python Programming for Structural Engineering” for 7th semester Civil Engineering.
4. Minor modification in existing PG (Structures) syllabus.
5. Minor modification in existing PG (Hydraulics) syllabus.

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Department of Civil Engineering
The National Institute of Engineering, Mysuru-08

PROCEEDINGS OF 11th BOS MEETING – Held on 13.06.17

Agenda

1. To read and record the proceedings of the previous BOS meeting (held on 27.05.16).
2. Consideration of the proposed blown up detailed syllabus for third and fourth semester UG Course in Civil Engg. for the batch of students admitted during the academic year 2016-17.
3. Minor modifications in existing 3rd to 8th Semester UG Syllabus.
4. Consideration of proposed new Elective “Python Programming for Structural Engineering” for 7th semester Civil Engineering.
5. Minor modification in existing PG (Structures) syllabus.
6. Minor modifications in existing PG (Hydraulics) syllabus.

Proceedings

1. The proceedings of the previous BOS meeting (held on 27.05.16) were read and recorded.
2. The proposed blown up detailed syllabus for third and fourth semester UG Course in Civil Engg. for the batch of students admitted during the academic year 2016-17 were accepted with the following suggestions:
   i. MECHANICS OF DEFORMABLE BODIES (CV6418) - Dr. Munali suggested to replace Generalized Hooke's Law from Unit 1 to self learning exercise (SLE). Similarly, temperature stresses from SLE to unit 1.
      Dr. Munali also suggested to remove power transmitted by hollow circular shaft from unit 5 and include the same in SLE.
   ii. MECHANICS OF FLUIDS (CV6420) - Dr. P. Chandramouli suggested to revise CO3 to "Apply basic principles to analyze and solve pipe flow". Dr. K. R. Sarath suggested to rename "Pumps in a pipe line" as "Booster pumps" in SLE of unit 6.
   iii. FUNDAMENTALS OF SURVEYING (CV6329) - Dr. M. S. Ganesh Prasad suggested to revise CO3 as "Employ conventional surveying for data capturing and processing"
iv. STRENGTH OF MATERIALS - I (CV0207) - Dr. G. Sarangapani suggested to reduce the number of CO's from three to one as "Follow effectively field procedures required for a professional surveyor".

v. METAL & TIMBER TESTING LABORATORY (CV0222) - Dr. G. Sarangapani suggested to reduce the number of CO's from two to one as "Determine the mechanical properties of metals & timber".

vi. FUNDAMENTALS OF STRUCTURAL ANALYSIS (CV0404) - Dr. K. R. Suresh suggested to revise the titles of unit 1 as "Deflection of beams"; Unit 2 as "Geometrical Methods: Slope and deflection".

Unit 6 has been modified under the title Moving loads "Moving load analysis and influence line diagram (I.D) for statically determinate beam for various load conditions".

vii. APPLIED HYDRAULIC ENGINEERING (CV0422) - Dr. K. R. Suresh suggested to revise the CO's 3, 4 and 5 into single CO as "Apply the principles of hydraulics for the design of hydraulic machines".

Dr. K. R. Suresh suggested to remove "Streamflows: discharge determination of mean velocity in stream, measurement of discharge in large streams" from unit 6 since it is being studied in Hydrology.

viii. CONCRETE TECHNOLOGY (CV0424) - Dr. Murli suggested to revise CO2 and CO3 as "Design of concrete mixes" and "Understand the properties of fresh and hardened concrete" respectively.

ix. SURVEYING PRACTICE - II (CV0109) - Dr. G. Sarangapani suggested to reduce the number of CO's from three to one as "Follow effectively field procedures required for a professional surveyor".

x. HYDRAULICS LABORATORY (CV0110) - Dr. K. R. Suresh suggested to revise the CO's into single CO as "Estimate various hydraulic coefficients, losses in the pipes and calculation of various hydraulic machines". Dr. K. R. Suresh suggested to elaborate the list of experiments.

xi. ENVIRONMENTAL STUDIES (BS0102) - Dr. K. C. Manjunath Suggested to revise CO as "Identify the current and emerging problems and recommend to add Environmental Assessment by R. K. Jain et al. as reference book.

3. Minor modifications in existing 5th to 8th Semester UC Syllabus.
i. ENVIRONMENTAL ENGINEERING LABORATORY (CV0120) : Dr. K. R. Sundar suggested to revise the CO's into simple CO as "Analyze the characteristics of water and wastewater based on relevant standards".

ii. The proposed new Elective "Python Programming for Structural Engineering" for 7th semester Civil Engineering was accepted.

5. Minor modification in existing PG (Structures) syllabus.
   i. "Analysis and Design of Shell Structures" from 2nd semester M.Tech (Structures) subject syllabus has been revised to include Plates and Shells "Plates and Shells". New subject code has been requested from Dean, Academics.
   ii. CG's for the "Design of Storage Structures" has been revised.

6. Minor modification in existing PG (Hydraulics) syllabus.
   i. SURFACE WATER HYDROLOGY (MHY0801) : BOS members accepted the minor changes in unit VI to remove Hydrograph and separation, which is already included in Hydrological Modelling (MHY0803).
   ii. IDEAL FLUID FLOWS (MHY0502) : BOS members accepted the minor changes, included to widen the scope of the subject.
      - Inclusion of the dynamics of flow and Bernoulli's equation
      - Application of ideal fluid flow in Ground water hydraulics and seepage from ditches
   iii. REAL FLUID FLOWS (MHY0806) - BOS members accepted the minor changes.
      - Scope of the subject widened with inclusion of Reynolds's experiment on pipes and description - analysis of turbulence
   iv. HYDRO POWER ENGINEERING (MHY0809) : BOS members accepted the minor changes.
      - Portions on design of dams (Unit 4) deleted, since these are being dealt in the course MHY0401
      - Analysis & design of Turbines and centrifugal pumps included (Unit 4 and Unit 6)