THE ASSAM
ROYAL GLOBAL UNIVERSITY
GUWAHATI

CRITERION 1
CURRICULAR ASPECTS

METRIC NO. 1.2

Academic Flexibility

Minutes of Board of Studies Meeting

Royal School of Engineering and Technology

Civil, Computer Science and Mechanical Engineering

The Assam Royal Global University
Guwahati – 35

The Assam Royal Global University
First Meeting of the Board of Studies (BoS)
Royal School of Engineering & Technology
8th May 2018

Minutes of the Meeting

Time: 10:00 a.m.

Venue: Conference Room, 2nd floor, Block-A, Royal Global University.

Members Present:

1. Prof. (Dr.) B. Banerjee, Chairperson of the BoS, RSET
2. Prof. (Dr.) P. K. Goswami, Professor Emeritus, RSET
3. Prof. (Dr.) P. H. Talukdar, Professor, RSET
4. Prof. (Dr.) Bibha Das Saikia, Professor, Department of Civil Engineering, RSET
5. Prof. (Dr.) R. Bhatnagar, Professor, Department of Mechanical Engineering, RSET
6. Prof. (Dr.) Arnab Sarma, Professor & Head, Department of Civil Engineering, RSET
7. Mr. Zunaid Ahmed, Assistant Professor & HoD i/c, Department of Mechanical Engineering, RSET
8. Mr. Aniruddha Deka, Assistant Professor & HoD i/c, Department of Computer Science & Engineering, RSET
9. Dr. Israfil Hussain, Assistant Professor & HoD i/c, Department of Electrical Engineering, RSET
10. Mr. Ananya R. Pathak, Assistant Professor & HoD i/c, Department of Electronics & Communication Engineering, RSET
11. Prof. (Dr.) D. K. Mahanta, Professor, Department of Mechanical Engineering, Assam Engineering College, Expert
12. Dr. Bibhash Sarma, Associate Professor, Department of Civil Engineering, Assam Engineering College, Expert
13. Mr. Manoj Kumar Sarma, Assistant Professor, Department of Computer Science & Engineering, RSET
14. Mr. Abhijit Deka, Assistant Professor, Department of Mechanical Engineering, RSET

PROCEEDINGS OF THE MEETING

The meeting commenced with a welcome address by Mr. Abhijit Deka. He then requested the Board members to introduce themselves.

After due deliberations, the following resolutions were adopted:

1. 1st and 2nd semester courses of all the branches of Engineering course at RSET, RGU, should be same. This decision has been taken keeping in view the AICTE recommended course structures of 1st and 2nd semesters. Also, this will provide (a) equal opportunities to all the students who desire to change branches in 3rd semester and (b) students studying the first two semesters during 2017-18 easy

Scanned with ACE Scanner

switch over to the Model Curriculum 2018, that AICTE has recommended (as being adopted at RGU from AY: 2018-19), from their 3rd semester classes.

2. The two subjects 'Biology for Engineers' and 'Life Science' are to be clubbed together into one, if possible. A committee is to be formed with Prof. (Dr.) Arnab Sarma, Prof. (Dr.) Bibha Das Saikia and a nominee by Dr. Bibhash Sarma to formulate the possible merging of these two subjects.

3. The subjects 'Introduction to Civil Engineering' and 'Civil Engineering- Societal and Global Impact' are to be clubbed into one with a total credit of two (2).

4. The subject named 'Electronic Circuits and Digital Systems' of 3rd semester Computer Science & Engineering is to be changed to 'Digital Logic and System Design'.

5. For all branches of B. Tech., the subjects 'Behavioral Science–I' and 'Behavioral Science–II' are to be shifted from 3rd and 4th semesters to 1st and 2nd semesters respectively.

6. For Mechanical Engineering branch, the subject 'Primary Manufacturing' is to be shifted from 4th semester to 3rd semester. Further, the subjects 'Heat transfer-I' and 'Heat transfer-II' may be inducted into 4th and 5th semesters respectively.

7. Two types of B. Tech. degrees will be offered:

   i. B. Tech. to students who earn 160 credits.
   ii. B. Tech. (Hons.) to students who earn 180 credits by opting for five additional courses of total credits 20 (Twenty).
   iii. The rules for registering and being awarded with B. Tech. (Hons.) in any branch of engineering are:
      a) For registering into B. Tech. (Hons.) course, a student has to have a minimum CGPA of 6.0/10.0 with no back paper to clear at the end of 1st Year.
      b) A student will be awarded B. Tech. (Hons.) in his/her opted branch of engineering provided he/she completes the programme with a minimum CGPA of 6.0/10.0. Further, a student securing a CGPA of 8.0 and above (overall for eight semesters) will be awarded B. Tech. (1st Class Hons.). A student securing a CGPA of 6.0/10.0 but less than 8.0/10.0 will be awarded B. Tech. (2nd Class Hons.).
      c) Students will be inducted into the honours courses from 4th semester onward and will continue till the end of 8th semester.

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

Vote of Thanks: The meeting concluded with Abhijit Deka offering vote of thanks to the Chair and the members present.

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

The Assam Royal Global University
Second Meeting of the Board of Studies (BoS)
Royal School of Engineering & Technology
21st May 2018

Minutes of the Meeting

Time: 11:30 a.m.

Venue: BOG Room, Ground floor, Block-A, Royal Global University.

Members Present:

1. Prof. (Dr.) B. Banerjee, Chairperson of the BoS, RSET
2. Prof. (Dr.) P. K. Goswami, Professor Emeritus, RSET
3. Prof. (Dr.) P. H. Talukdar, Professor, RSET
4. Prof. (Dr.) Bibha Das Saikia, Professor, Department of Civil Engineering, RSET
5. Prof. (Dr.) R. Bhatnagar, Professor, Department of Mechanical Engineering, RSET
6. Prof. (Dr.) Arnab Sarma, Professor & Head, Department of Civil Engineering, RSET
7. Mr. Zunaid Ahmed, Assistant Professor & HoD i/c, Department of Mechanical Engineering, RSET
8. Mr. Aniruddha Deka, Assistant Professor & HoD i/c, Department of Computer Science & Engineering, RSET
9. Dr. Israfil Hussain, Assistant Professor & HoD i/c, Department of Electrical Engineering, RSET
10. Mr. Ananya R. Pathak, Assistant Professor & HoD i/c, Department of Electronics & Communication Engineering, RSET
11. Prof. (Dr.) D. K. Mahanta, Professor, Department of Mechanical Engineering, Assam Engineering College, Expert
12. Dr. Navajit Saikia, Professor, Department of Electronics and Communication, AEC.
13. Dr. Subrajyoti Bordoloi , Associate Professor, Department of MCA , AEC.
14. Dr. Damodar Agarwal, Professor and Head, Department of Electrical Engineering, AEC
15. Dr, Bipul Talukdar , Associate Professor , Department of Civil Engineering , AEC.
16. Mr. Abhijit Deka, Assistant Professor, Department of Mechanical Engineering, RSET, Member Secretary (Nominated).

Agenda of the meeting:

Presentation and suggestions on proposed Course Structures and Syllabi of PG Courses (M.Tech.) to be offered by RSET under RGU.

PROCEEDINGS OF THE MEETING

The meeting commenced with a welcome address by Mr. Abhijit Deka.

The following points were discussed by the members, experts and special invitees present:

CIVIL ENGINEERING:

A) M. Tech. (Water Resource Development and Management.)

1) 1st and 2nd semesters are to have same credits.
2) Number of subjects in each semester should be preferably same.

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

3) Credits of certain subjects are to be increased and number of subjects should be decreased.
4) Some subjects are to be shifted from 1st to 2nd semester.
5) Discussion of offering noncredit audit courses.
6) Total credits including EPEC can be at the most 68 +4=72.

B) M. Tech. (STRUCTURAL ANALYSIS.)

1) Laboratory classes are to be included.
2) Seminars and presentations are to be included in 4th semester with a credit point of 1each.

MECHANICAL ENGINEERING:

A) M. Tech. (THERMAL AND FLUID ENGINEERING.)

1) English Courses should be made same for all engineering branches.
2) Credit of 2nd semester Disaster Management course should decreased to 1.
3) (a) Solar and Wind Energy, and (b)Waste to Energy, may be offered as Open Electives in 3rd semester.
4) Computer Aided Design in Thermal System should be offered as a Core elective in 3rd semester.

COMPUTER SCIENCE AND ENGINEERING:

A) M. Tech. (Networking and Web Engineering)
B) M. Tech. (Data Analytics and Engineering)

1) The word **Fundamental** should be removed from 1st semester paper Fundamentals of Computer system.
2) DBMS subject is to be shifted from 2nd to 1st semester.
4) Web Technologies is to be shifted from 1st to 2nd or 3rd semester.

ELECTRICAL ENGINEERING:

A) M. Tech. (Power System)

1) The course structures are to be made same for all engineering branches.
2) Power quality, reliability, protection are not well covered.
3) Power Optimization can be adopted as a core subject.
4) A course on Optical Control should be provided.

B) M. Tech. (Power and Energy System)

1) Energy Audit is to be made compulsory.
2) Renewable Energy and Non-Conventional Energy should be offered.

ELECTRONICS AND COMMUNICATION ENGINEERING:

A) M. Tech. (Signal Processing and Communication)

1) Linear Integrated Circuit should be changed to Integrated Circuit and System.

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

2) Mobile / Wireless Communication to be added as new subjects.
3) Addition of a paper on Sensor was also discussed.
4) Optical Network and DSP are to be combined and renamed as Image Processing.
5) Information Theory is to be omitted from 2nd semester.
6) Optical Network is to be replaced by Optical Communication.
7) One subject from Electrical Engg. may be included.
8) Probability and Statistics is to substitute Mathematics in 1st semester.
9) Matlab and C Programming are to be included.
10) In core subjects, credits should be 3.
11) Signal Processing Laboratory should be of 1 Credit.
12) Information Theory is to be replaced by Information only.

After due deliberations, the following resolutions were adopted:

1) **M.Tech., Civil Engg.(Water Resources Development & Management)**
   a) **Adequate laboratory facilities should be provided to the students.**

2) **M.Tech., Civil Engg. (Structural Engineering)**
   a) **Establishment of laboratory is mandatory for Structural Engineering Course.**

3) **M.Tech., Computer Science and Engg. (Network and Web Engineering; Data Analytics and Engineering)**
   a) 'Fundamentals of Computer System' in 1st semester is to be replaced by 'Computer Organisation and Architecture'.
   b) 'Data Based Management System' is to be offered in 1st semester.
   c) 'Web Technology' is to be introduced in 2nd semester.

4) **M.Tech., Electrical Engg. (Power System; Power & Energy System)**
   a) The subject 'Digital Protection of Power System' is to be renamed as 'Advanced Power System Protection'.
   b) Subjects as 'Power System Reliability', ' Power Quality', 'Optimal and Adaptive Control' and 'AI Techniques' are to be introduced as Electives (Core or Open, as the case may be).
   c) 'Energy Audit and Management' to be introduced as a core subject.

5) **M.Tech., Electronics and Communication Engg. (Signal Processing and Communication)**
   a) 'Linear Integrated Circuits' to be renamed as 'Integrated Circuits and System'.
   b) 'Mathematics for Computing' to be renamed as Linear Algebra.
   c) 'Mobile and Wireless Communication' is to be offered in the 1st semester.
   d) 'Information Coding and Cryptography' is included in 2nd semester.
   e) 'Advanced Digital Signal Processing' is to be replaced by 'Digital Signal Processing'.

6) **M.Tech., Mechanical Engg. (Thermal & Fluid Engineering)**

The Assam Royal Global Guwahati

Scanned with ACE Scanner

The Assam Royal Global University
Fourth Meeting of the Board of Studies (BoS)
Royal School of Engineering & Technology
30th April 2019

Minutes of the Meeting

Time: 10:30 a.m.

Venue: Room No. B 407, Fourth floor, Block-B, Royal Global University.

Members Present:

1. Prof. (Dr.) B. Banerjee, Chairperson of the BoS; Dean, RSET
2. Prof. (Dr.) P. H. Talukdar, Emeritus Professor, RSET
3. Prof. (Dr.) R. Bhatnagar, Professor & Head, Department of Mechanical Engineering, RSET
4. Prof. (Dr.) Arnab Sarma, Professor &Head, Department of Civil Engineering, RSET
5. Dr. Aniruddha Deka, Assistant Professor & HoD (i/c), Department of Computer Science & Engineering, RSET
6. Dr. Israfil Hussain, Assistant Professor & HoD(i/c), Department of Electrical Engineering, RSET
7. Mr. Zunaid Ahmed, Assistant Professor, Department of Mechanical Engineering, RSET
8. Mr. Mamoon Elahi Barbhuyan, Assistant Professor & HoD,i/c , Department of Electronics & Communication Engineering, RSET
9. Mr. Deb Sunder Swami, Assistant Professor, Department of Electronics & Communication , RSET
10. Ms. Vanita Agrawal, Assistant Professor & Advisor, Department of Electrical Engineering , RSET
11. Mr. Debashish Dev Misra, Assistant Professor, Department of Computer Science & Engineering, RSET
12. Dr. AbhijitDeka, Assistant Professor, Department of Mechanical Engineering, RSET
13. Prof. (Dr.) P. K. Goswami, Vice Chancellor, USTM, Expert
14. Prof. (Dr.) D. K. Mahanta, Professor, Department of Mechanical Engineering, Assam Engineering College,Guwahati – 13, Expert
15. Mr. Mrinal Krishna Chaudhury, Additional Director (i/c), Assam Energy Development Agency, Guwahati, Expert
16. Mr. JyotishTalukdar, Technical Manager, Zaloni Technologies India Pvt. Ltd, Guwahati, Expert
17. Dr. Subhrajyoti Bordoloi, Associate Professor, Department of Computer Applications, Assam Engineering College, Guwahati – 13, Expert
18. Prof. (Dr.) Bibha Das Saikia, Professor, Academic Expert
19. Mr. Ashim Kumar Chakraborty, AEE, PWD (R), Govt. of Assam, Expert

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

PROCEEDINGS OF THE MEETING

The meeting commenced with a welcome address by Prof. (Dr.) B. Banerjee, Chairperson, BoS, RSET, after which each branch of engineering had its individual seating with respective Expert and Special invitee.

The following have been the suggestions adopted for implementation by the different branches:

Mechanical Engineering:

Suggestions:

a) To include theory on Material Testing methods during the first part of Laboratory Classes in 5th semester Material Science.
b) To prescribe Heat Transfer by M. N. Ozisik as a text book in 5th semester.
c) In Power Plant Engineering syllabus of 5th semester,
   (i) To replace Rankine Cycle improvisation by Methods of improving efficiency/ Review of Rankine Cycle.
   (ii) To include Back Pressure Turbine & Bleeding of steam.
   (iii) Handling of coal & ash to be made brief.
   (iv) To have Basics of Nuclear Power Plant and Nuclear Materials.
   (v) Renewable Energy portion to have only theory.
   (vi) To include Power Storage Devices.
d) Pollution Control Engineering (offered as Open Elective to students of other schools) in 5th semester is required (i) to include Composition of air pollution in the syllabus & (ii) to prescribe Environmental Pollution Control Engineering by C.S. Rao, as one of the textbooks.
e) Dynamics of Machines in 6th semester should include Resonance in Module I.
f) I.C Engines in 6th semester is advised to include,
   (i)Engine Management System (EMS)
   (ii) EURO and BS Norms of Emission
   (iii) Catalytic & Thermal Converters in Emission Control Method
   New editions of text books on I.C. Engines by (i) M. L. Mathur and (ii) J. B. Heywood are to be prescribed.
g) Gas Dynamics & Jet Propulsion in 6th semester is advised to include,
   (i)Multi-spool axial compressor and Turbofan
   (ii)Stalling, Surging and Choking in Axial Flow Compressors
   Reference book by Zucrow-Wiley is to be prescribed as textbook.
   The Modules have been rearranged as follow:
   Module I: Introduction, Thermodynamic Cycle, Combustion System
   Module II: Centrifugal Compressor, Axial Flow Compressor
   Module III: Centrifugal Turbine, Axial Flow Turbine (freshly introduced)
   Module IV: Jet Propulsion, Environmental Consideration.

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

h) Instrumentation and Control in 6th semester: The entire syllabus has been revised and redrafted as per advices of the experts.

i) Mechatronics System (Elective) in 6th semester: The syllabus has been redrafted after consulting with ECE deptt. as per advise of the experts.

j) Modelling 3-D Printing and (Open Elective for other schools) in 6th semester is advised to include 3-D Printing in Module IV after Introduction to 3-D Printing.

Action taken

All the suggestions as above have been incorporated in the revised syllabi for B.Tech. in 5th and 6th Semester of Mech. Engg.

Civil Engineering:

Suggestions:

a) The subject "Instrumentation and Sensor Technologies for Civil Engineers" (Sem –V, Code: CEE022C506) should be of 1 Credit instead of 2.

b) The subject should be taught in the light of areas of application and field visits must be conducted as part of teaching learning process.

Action taken:

CEE022C506 shall be continued as a subject of 2 Credits (1 Lecture & 1Tutorial). The suggestion of experts in respect of field visits will be carried out.

Electronics & Communication Engineering (Suggestiopns and Actions taken)

a) Introduction of the subject Antenna and Wave Propagation in place of Microwave Engineering (both theory and lab) in 5th semester.

b) Microwave Engineering shifted to 7th semester as an Elective paper.

c) Modifications made in syllabus of Antenna and Wave Propagation in 5th Semester.

d) Digital Signal Processing (5th semester) syllabus revised.

e) Modifications made in syllabus of Analog Communication (5th semester).

f) Extensive modifications made in the syllabus of Microprocessors and Applications (5th semester).

g) Some modifications made in the syllabus of Digital Communications (6th semester).

h) The paper Microcontroller and Applications is to be renamed as Microcontroller and Embedded Systems.(6th semester).

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

Electrical Engineering

Suggestions:

a) Looking into the demand of core branches of engineering, the department of Electrical Engineering, at REST, should be upgraded by introducing Integrated M.Tech. Program along with B.Tech. AICTE should be contacted with the proposal by the HoD of Electrical Engg. Deptt. immediately.
b) The departmental library should be requested to procure some journals as IEEE.

Action taken:

a) 5th and 6th Semester syllabi approved. The detailed syllabi should be recast when and where required.

Computer Science & Engineering

Suggestions:

(a) The syllabus of Data Communication in 5th semester may include the concept of Physical Layer in Module IV.
(b) The syllabus of Microprocessor in 6th semester should lay more emphasis on 8085 and 8086.
c) Open Elective subjects to be opted by the students of CSE department to be included in the course structure.
d) Open elective subjects offered by Deptt. of CSE need to be modified as:
   - Python Programming can be introduced in lieu of Computational Intelligence.
   - Introduction to DBMS can be included along with Social Network Analysis.
   - Internet Technology to be renamed as Web Programming Techniques.

e) Cloud Computing to be included in either Group III or Group IV in the list of departmental elective subjects.
f) The Elective subject 'Artificial Intelligence' to be made a core paper in the 8th semester and instead Introduction to Data Science can be listed as a department specific elective.
g) Provision of including certain subjects (as per UGC guidelines) for the students of other departments opting for subjects of CSE.

Action taken:

All suggestions have been taken care of and implemented to the extent possible.

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

In addition, discussion on B.Tech. (Hons), to be offered by RSET to the students admitted from 2018-19 onwards, was held at length. The following decisions were adopted and approved by the BOS. Students will register for the additional papers under MOOCs, SWAYAM etc., online, as detailed below, from 4th Semester onward, one paper in each semester up to 8th Semester.

Modalities for B. Tech. (Honours) in Engineering:

1 B. Tech students (all branches) enrolled since Academic Session 2018-19 are allowed to register for B. Tech. (Honours) in the respective Branch of Engineering at the beginning of their 4th semester courses subject to meeting the eligibility criteria given below

Eligibility

i ***Initially proposed norm:*** a minimum CGPA of 6.0/10.0 with no back paper to clear at the end of 1st year

ii ***Presently proposed norm:*** a minimum CGPA of 6.0/10.0 having cleared 1st and 2nd semesters in single chances i.e., with no backlog

2 A student will be eligible to be awarded B. Tech. (Honours) in his/her respective Branch of Engineering under the following conditions-

a. Existing:

i In addition to the credits specified for the B. Tech. curriculum, if he/she completes an Additional 20(Twenty) Credits through MOOCs

ii. No Class/Division will be awarded for B. Tech. (Honours)

b. Proposed:

A) In addition to the credits specified in the B. Tech. curriculum, a student has to earn an additional minimum of 20 (Twenty) Credits through MOOCs, during 4th semester to 8th semester

B) A student can opt for credit courses (papers) provided through various MOOCs portals like NPTEL, SWAYAM etc. or any other portal suggested by the respective department, at the beginning of semesters from 4th onward

C) The list of papers opted should be approved by the departmental Head at the beginning of every semester

D) In a semester, a student can opt for maximum of 2 (Two) courses and/or a maximum of 8 (Eighty) credits

E) Every student registering for B.Tech.(Hons.) will have to bear the costs of registration, examination and/or certification fee of MOOCs courses, as applicable

F) In case of MOOCs courses where Credits are not mentioned, the UGC standard may be followed w.r.t. duration of the course (in number of hours). RGU will take necessary decisions in this regard

G) For consideration of being awarded with Honours, a student must score minimum 60% in every MOOCs course

Royal Global University Guwahati

Scanned with ACE Scanner

H) Records of [illegible] shall be maintained by the departmental Heads. Compiled summary of every session will have to be forwarded to the Dean and the Controller of Examinations, as and when required.

I) A student has to complete all the 8 (eight) semesters of B Tech course of study without any backlog in any subject/paper (Regular and Honours).

J) A student, after clearing any MOOC's course, will have to produce the original Mark-sheet/Grade-card/Certificate to the departmental head for verification, along with a copy of the same for official records.

K) All acquired credits will be added as an additional part of the final Mark-sheet at the end of the 8th semester only, provided all the requirements for B. Tech. (Honours) are satisfied.

L) Decision of award of B. Tech. (Honours) will be reflected only at the final Mark-sheet.

M) Mark-sheets of the intermediate semesters will not reflect any information on MOOC's scores or B. Tech. (Honours).

N) B. Tech. (Honours) will be awarded with No Class.

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

Departmental External Expert:

Dr. Bakhabjyoti Phukan
Associate Professor
Department of Mechanical Engineering
Assam Engineering College
Guwahati

Mr. Prasanta Das
Scientist / Engineer - SF
Thermal Engineering Division
Structures and Thermal Group
Space Applications Centre
ISRO Ahmedabad

Remarks:

- Dr. Bashab Jyoti Phukan, Associate Professor Mechanical Engineering Department, Assam Engineering College, Jalukbari have gone through the syllabus of all the subjects and as per his view point some added some topics in Engineering Mechanics and Strength of Material has to be added and the newly incorporated topics are highlighted.

- For the Subject Engineering Mechanics Types of forces, Principle of transmissibility of forces, Equilibrium of forces, Parallel axis theorem and perpendicular axis theorem Lifting machines pulleys, simple wheel and axle, screw jack has to be incorporated.

- For the Subject Strength of Materials Stress strain diagram, Ultimate stress, Yield stress Principal stresses and principal planes, Maximum shear stress Types of loads, supports, beams, Theory of Torsion, Stresses and deformations in Solid and Hollow Circular Shafts has to be incorporated

- Further from his point of view Workshop theory and Workshop Practice need not required any modification.

Assam Royal Global University
Guwahati

Scanned with ACE Scanner

The Assam Royal Global University

MINUTES OF THE FIFTH BOS MEETING

Royal School of Engineering & Technology

Date: 13/07/2021

Time: 11.00 am

Mode of Meeting: on-line

Meeting Platform: Google meet (Online Mode)

Meeting Conducted by: Dr. Hirak Ranjan Das

Meeting Chaired by: Prof. (Dr.) Alak Kr. Buragohain Chairperson and Dean i/c, RSET

Agenda of the Meeting: Presentation and Suggestions on proposed course structures/syllabi of UG and PG courses, RSET

Discussion on issues related to:

- Board of Studies (BoS) meeting to approve the syllabus of next academic year. for the 1st Year (1st Semester and 2nd Semester) subjects Engineering Mechanics. Strength of Material, Workshop Practice and Workshop Theory

Experts Present:

Dr. Subhrajyoti Bordoloi

Associate Professor, Department of Computer Applications, AEC.

Dr. Bibhash sharma

Associate Professor, Department of Civil Engineering, AEC.

Attendees Present:

Dr. Hirak Ranjan Das, Assistant Professor, RSET

The Assam Royal Global University Guwahati

Scanned with ACE Scanner

Dr. Aniruddha Deka, Assistant Professor, HOD, Dept. of CSE,Co Ordinator IT

Dr. Arnab Kumar Mishra, Asst. Prof, RSET

Mr. Saurabh Sutradhar, Assistant Professor, Dept. of CSE

Ms. Gitimoni Talukdar, Assistant Professor, Dept. of CSE

Mr. Nayan Jyoti Kalita,Assistant Professor, Dept. of CSE

Ms. Shamsun Nehar Choudhury, Lecturer, Dept. of CSE

Ms. Parismita Goswami, Lecturer, Dept. of CSE

Ms. Afsana Laskar, Lecturer, Dept. of CSE

Mr. Zunaid Ahmed, Assistant Professor,RSET

Mr. Ashok Talukdar, Assistant Professor

Mr. Biswajit Choudhury, Assistant Professor,RSET

Remarks:

- Dr.Bashab Jyoti Phukan, Associate Professor Mechanical Engineering Department,Assam Engineering College, Jalukbari have gone through the syllabus of all the subjects and as per his view point some added some topics in Engineering Mechanics and Strength of Material has to be added and the newly incorporated topics are highlighted.

- For the Subject Engineering Mechanics Types of forces, Principle of transmissibility of forces, Equilibrium of forces. Parallel axis theorem and perpendicular axis theorem Lifting machines pulleys, simple wheel and axle, screw jack has to be incorporated.

- For the Subject Strength of Materials Stress strain diagram, Ultimate stress. Yield stress Principal stresses and principal planes. Maximum shear stress Types of loads, supports, beams, Theory of Torsion, Stresses and deformations in Solid and Hollow Circular Shafts has to be incorporated

Assam Royal Global University
Guwahati

Scanned with ACE Scanner

- Further from his point of view Workshop theory and Workshop Practice need not required any modification.

Royal Global University
Guwahati

Scanned with ACE Scanner