

COMBINED BOARD OF STUDIES MEETING

Agenda of first Combined Board of Studies (Chemistry, English and Physics) Meeting of Swarnandhra College of Engineering & Technology (Autonomous) on 31-08-2014 at 11:00 AM

1. Constitution of Combined Board of Studies
2. Introduction of members of Combined Board of Studies
3. Autonomy at Department level.
4. Finalization of I & II Sem., Subjects Syllabus Thought by Basic Sciences & Humanities Department from the Academic Year 2014-15.
5. Content Delivery and Important of Topics
6. Finalization of Model Paper, Scheme of Valuation and List of Paper Setters
7. Life skills and Soft skills among the students - Improvement
8. Industry, Institute Interaction-Suggestions for Excellence
9. Any other mater with the permission of chair.



V. Swaminadha
CHAIRMAN
COMBINED BOARD OF STUDIES
Swarnandhra College of Engineering & Technology

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|----------------------------------------|----------------------------------------|
| 1. Dr. V. Swaminadham | V. Swaminadha |
| 2. Dr. G. Padmaja Rani | G. Padmaja Rani 31/8/14 |
| 3. Dr. B. Hari Babu | B. Hari Babu 31/8/14 |
| 4. Dr. Manjula Daddison | M. Manjula Daddison 31.08.2014 |
| 5. Dr. A. Padmanabham | A. Padmanabham 31/8/14 |
| 6. Dr. P. Rajendra Karmakar | P. Rajendra Karmakar 31/8/14 |
| 7. Dr. Rama Sekhar Reddy | Rama Sekhar Reddy |
| 8. Mrs. K. Tiwari | Kalawathi Tiwari |
| 9. Mr. K. Ramana Rao | K. R. Rao |
| 10. Mrs. Zehrabi | Zehrabi |
| 11. Mrs. P. Saraswathi | P. Saraswathi |
| 12. Mr. N. P. S. Acharyulu | N. P. S. Acharyulu |
| 13. Mr. U. Naga Babu | U. Naga Babu |
| 14. Mr. Ch. Adinarayana Subramy Ch. Ad | Ch. Adinarayana Subramy Ch. Ad 31/8/14 |

BOS Minutes

Minutes of the first combined Board of Studies (Chemistry, English and Physics) of Swarnandhra College of Engineering & Technology (Autonomous) held on 31-08-2014 at 11:00 am in the Dept. of Sciences & Humanities.

- 1) Combined Board of Studies (Chemistry, English and Physics) for Swarnandhra College of Engineering & Technology (Autonomous) is here by Certified and made functional.
- 2) As per the recommendations of HOD, S&H, the following department faculties are nominated for Combined Board of Studies.
 - 1) Mrs. Kalavathi Tiwari, Asst. Prof. of English.
 - 2) Mr. K. Ramana Rao, Asst. Prof. of English.
 - 3) Mrs. Zehrabi, Asst. Prof. of English.
 - 4) Mrs. P. Saraswathi, Asst. Prof. of Physics.
 - 5) Mr. N.P.S. Acharyulu, Asst. Prof. of Physics.
 - 6) Mr. U. Naga Babu, Asst. Prof. of Chemistry.
 - 7) Mr. Ch. A. Swamy, Asst. Prof of Chemistry.
- 3) As per the recommendations of Academic Council, the following subject experts have been nominated for Combined Board of Studies.
 - 1) Dr. A. Padmanabham, Prof. of Physics, GVIT, Bhimavaram.
 - 2) Dr. P. Rajendra Karmakar, Prof. of English, A. U., P. G. Center, Kakinada.
 - 3) Dr. D. Rama Sekhar Reddy, Asst. Prof. of Chemistry, Kakinada.
- 4) As per letter No. DAP/B1/BOS/2014, dated 25-08-2014 the following members are nominated as subject expert by V.C for Combined Board of Studies.
 - 1) Dr. L. Manjula Davidson. Prof. of English, Dept. of English, A.U., Visakhapatnam.
 - 2) Dr. B. Hari Babu. Asst. Prof. of Chemistry, Acharya Nagarjuna University, GUNTUR.
 - 3) Dr. G. Padmaja Rani, Prof. of Physics, JNTU-K, Kakinada.

- 5) Soon after receiving letter No. 22-1/2014/A.C. dated 19-06-2014, from the University Grant Commission, the Dept. of Sciences & Humanities has been functioning to fulfill all the conditions laid by the U.G.C., the Dept. has been working on the issues like Promotion BOS, framing of syllabus, modal paper etc.
- 6) Finalization of First and Second Sem. of I B. Tech, MBA and MCA subject syllabus thought by Basic Sciences and Humanities Dept. from the Academic year 2014-15.

i) English Board:

The following the resolutions are made by English Board and expert members have given their consent.

- a) From the existing JNTU-K, R13 English-I Syllabus, the third lesson "The Scientific Point of view-J. B. S. Haldane is deleted acceded.
- b) With regard to the model paper of I B.Tech a few changes have been made.
- c) The remaining part of the syllabus of English-I, English-II, ECS-Lab-I and ECS-Lab-II of JNTU-K (R13) is retained.
- d) With regard to MBA and MCA English Lab, the same syllabus is adhered to.

ii) Physics Board:

The following are the resolution made by the physics board

- a) Expert members Dr. G. Padmaja Rani, Prof. JNTU-K, and Subject expert Dr. A. Padmanabham, Prof. GVIT, accepted the following modifications in the existing JNTU-K, (R13) Engineering Physics syllabus and finalized the proposed syllabus for SCET (Autonomous).

1. Deletion of entire unit No-I of JNTU-K (R13) Regulations.

2. Deletion of EM Fields Topic in Unit-IV and remaining topics in JNTU-K

(R13) are evenly divided into six units as per the experts' suggestions.

b) Regarding Engineering Physics Lab 12 experiments are finalized and students have to do any 10 out of these 12 experiments. It is also suggested by the expert members that, average of two internal lab tests to be considered as for the final internal marks.

c) All the members have accepted the model paper prepared, subjected to final approval of Academic Council.

iii) **Chemistry Board:**

The following resolutions are made in chemistry

a) It is unanimously resolved to follow 6 unit pattern in respect of theory syllabus as per the University Regulations.

b) It is unanimously resolved to follow the slightly modified syllabus with respect to JNTU-K (R13). The modification made are inclusion of certain topics like solar cells in Unit-II, Zeigler Natta catalysis & its mechanism in Unit-V and Engineering Materials like refractories, Ceramics in Unit-VI (Engineering Materials) to substitute the topics 'Ionic Mobility', 'Cladding', 'Combustion' and 'Liquid Crystals' in respective Units.

c) It is unanimously resolved to adopt the 2 credit pattern in respect of practical paper as per the University Regulations. With regard to experiments, four new experiments are included in order to avoid the duplication of the model experiments to expose the knowledge of the students to industrial applications.

- d) In respect of model question paper, it is unanimously resolved to adopt the pattern followed by the university, but in Part-B it is resolved to give equal weightage of marks to all units (6x12 Marks), and students need to attempt 4 questions out of 6.
 - e) It is resolved to adopt the syllabus of JNTU-K (R13) Kakinada, with slight adjustments in some parts of Unit-I, III and IV in environmental studies subject.
 - f) It is also unanimously resolved to include a topic on motor vehicle Act in Unit-V of Environmental Studies.
 - g) It is resolved to follow the same question paper model followed in other subjects like, Physics, Chemistry etc.
- 7) Following suggestions are made by Dr. L. Manjula Davidson and Dr. P. Rajendra Karmakar for improving soft skills and life skills.
- a) Communication Skills of the students ought to be developed.
 - b) Leadership quality among the students should be inculcated.
 - c) Motivational talks by the professionals should be arranged
 - d) Risk takers need to be encouraged to communicate spontaneously.
 - e) Teachers ought to be cheerful and exuberant and be a role model to the students.
 - f) Every student should be given an opportunity to speak minimum for five minutes in the beginning of the class.
 - g) Activities like group discussion, debate & elocution on the current topics should be given priority. Topics could be from "Real Life Situation" too.
 - h) Human resources from the organizations like ONGC have to be utilized for the overall personality development of the students.

- i) To enhance language skills, basic grammar, simple sentence patterns (Subject + Verb) and Voice (Active & Passive) have to be taught.
 - j) As language skills acquisition is a continuous process. It should be continued for the students of II & III B.Tech also.
 - k) Constant practice in the areas of spelling of tricky words and meanings of confusing words has to be given to the students.
 - l) The fifth point in the Agenda is given the utmost importance as the content delivery by the teacher in the most exemplary way would certainly develop the students both soft skill and life skills.
- 8) Suggestions for excellence in the field of industry and institutional interaction, are given by the experts (i) conducting guest lectures by eminent personalities and (ii) Organizing workshops.
- 9) Following are the details of paper setters identified for various subjects.

PHYSICS:

- a) Dr. G. Padmaja Rani
Prof of Physics.
JNTUK, Kakinada
- b) Dr. K. Ramesh
Associate Professor
Dept. of Engg. Physics
GITAM University, Visakhapatnam
- c) Dr. Y. P. K. Raghava,
Professor
Gayatri Vidya Parishad Engg. College.
Visakhapatnam.

English:

- a) Dr. L. Manjula Davidson
Professor
Dept. of English
Andhra University
Visakhapatnam - 530 003
- b) Dr. G. Chenna Reddy
Professor
Dept. of English
Acharya Nagarjuna University
Guntur
- c) Prof. T. Bharath
Professor
Dept. of English
Padmavathi Mahila University
Titupathi

CHEMISTRY:

- a) Prof. Y. L. N. Murthy
Professor (Retd)
Dept. of Organic Chemistry
Andhra University
Visakhapatnam
- b) Dr. B. Hari Babu
Assistant Professor
Dept. of Chemistry
Acharya Nagarjuna University
Guntur
- c) Dr. D. Rama Sekhar Reddy
Assistant Professor
Dept. of Chemistry
Krishna University
Machilipatnam



V. Venkatesh
Chairman
COMMISSION OF STUDIES
Sri Sree Chaitanya Engineering Technology