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VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech. Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH
Recognized as "College with Potential for Excellence" by UGC
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MINUTES OF THE MEETING OF 12TH ACADEMIC COUNCIL (AC) HELD ON AUGUST 08TH, 2019 AT 11.00 A.M. ONWARDS IN THE BOARD ROOM OF PATRON'S BHAVAN AT VNRVJIET, BACHUPALLY, HYDERABAD

MEMBERS PRESENT

- 1) Dr. C. D. Naidu, Principal & Chairman
- 2) Dr. B. Chennakesava Rao, Director for Advancement and Dean, Admin
- 3) Dr. A. S. Rao, Dean Innovation, Incubation, Entrepreneurship & Globalization, Member
- 4) Dr. A. Mallika, HOD/CE, Member
- 5) Dr. Poonam Upadhyay, HOD/EEE, Member
- 6) Dr. M.V.R. Durga Prasad, HOD/ME, Member
- 7) Dr. Y. Padma Sai, HOD/ECE, Member
- 8) Dr. R. Manjula Sri, HOD/EIE, Member
- 9) Dr. G. Suresh Reddy, HOD/IT, Member
- 10) Dr. T. Srinivasa Rao, HOD/AE, Member
- 11) Dr. T. Jayashree, HOD/H&S, Member
- 12) Dr. K. Ramujee, Dean Examinations & Evaluation, Member
- 13) Dr. B. Narendra Kumar, Dy. Dean, Admin and Finance, Member
- 14) Dr. B.N. Bhandari, Nominee of the University, JNTUH, Member
- 15) Dr. M. Manzoor Hussain, Nominee of the University, JNTUH, Member
- 16) Dr. M. Surya Kalavathi, Nominee of the University, JNTUH, Member
- 17) Dr. Y. Shivraj Narayan, Coordinator, Academics, Member
- 18) Dr. K. Anuradha, Dean, Academics & Member Secretary

INVITEES PRESENT

- 1) Dr. D. Pardhasaradhi, Head, Training & Placement
- 2) Dr. V. Ramesh Babu, Prof., EEE & Coordinator, IQAC,
- 3) Dr. S. Nagini, Assoc. Prof., CSE & SPOC, CSBS

MEMBERS ON LEAVE

- 1) Mrs. B. V. Kiranmayee, HOD/CSE, Member
- 2) Dr. G. Ramesh Chandra, Head RCC, Member
- 3) Dr. G. Satheesh Reddy, Expert from Industry/R&D/Engg./Education, Member
- 4) Dr. P. Subba Rao, Expert from Industry/R&D/Engg./Education, Member
- 4) Dr. A. K. Pujari, Expert from Industry/R&D/Engg./Education, Member
- 5) Dr. N. V. Uma Mahesh, Expert from Industry/R&D/Engg./Education, Member
- 6) Dr. S. Venkateswara Rao, Expert from Education, Member
- 7) Sri. B. V. Krishna Rao K., Former Secretary, SBTET, Member

Chairman welcomed all the members to the 12th meeting of Academic Council on August 08th, 2019 at VNRVJIET.

Chairman introduced the newly appointed University nominees – Dr. B.N. Bhandari, Director, Academic & Planning, JNTUH, Dr. M. Manzoor Hussain, Director, Admissions, JNTUH and Dr. M. Surya Kalavathi, Director, SCDE, JNTUH to the members of Council. Other members of the council introduced themselves to the University nominees.

Thereafter, formal agenda items were taken up and the following matters were considered, deliberated upon and decisions taken are as under:

12.1 Approval of course structure of B.Tech. I year programmes to be offered under Choice Based Credit System (R19 academic regulation) from the academic year 2019-2020:

- B.Tech. I year course structures of the following programmes to be offered under Choice Based Credit System (R19 academic regulation) from the academic year 2019-2020 were presented before the committee.
 - ✓ B.Tech. (Civil Engineering)
 - ✓ B.Tech. (Electrical & Electronics Engineering)
 - ✓ B.Tech. (Mechanical Engineering)
 - ✓ B.Tech. (Electronics & Communication Engineering)
 - ✓ B.Tech. (Computer Science & Engineering)
 - ✓ B.Tech. (Electronics & Instrumentation Engineering)
 - ✓ B.Tech. (Information Technology)
 - ✓ B.Tech. (Automobile Engineering)
 - ✓ B.Tech. (Computer Science & Business Systems)

- Council approved the course structures of the aforementioned B.Tech. 1 year programmes under CBCS (R19 academic regulation) with the following suggestions:
 - 1 year course structures of B.Tech. (Electrical & Electronics Engineering), B.Tech. (Electronics & Communication Engineering) and B.Tech. (Electronics & Instrumentation Engineering) programmes may be shown separately.
 - Propose the tentative course structure of 4 years of all B.Tech. programmes under R19 academic regulation in the next council meeting.

12.2 Approval of detailed syllabi of B.Tech. 1 year courses of all the programmes to be offered from the academic year 2019 – 2020:

- Detailed syllabi of courses to be offered in B.Tech. 1 year programmes were presented before the committee for approval.
- Council approved the syllabi of all the courses of B.Tech. 1 year programmes under Choice Based Credit System (R19 academic regulation).

12.3 Academic Rules and Regulations (R19) of B.Tech. programmes under Choice Based Credit System (CBCS) for the batches to be admitted from the academic year 2019-2020:

- VNRVJIET B.Tech. R19 CBCS Academic Rules and Regulations under Choice Based Credit System (CBCS) [Annexure-I] was presented before the council for approval.
- Council approved the 'B.Tech. R19 Academic Rules and Regulations' for the student batches to be admitted from the academic year 2019-2020. Following are some of the highlights of the academic regulation:
 - The total number of credits for B.Tech. programmes is fixed at 160.
 - The evaluation procedure shall be 40 marks for Continuous Internal Evaluation (CIE) and 60 marks for Semester End Examination (SEE) for all the B.Tech. programmes.
 - Continuous Internal Evaluation (CIE) in B.Tech. programmes shall consist of Sessional Examination (SE - 30 M) and Class Assessment (CA - 10 M).

❖ **B.Tech. Sessional Examination (SE - 30 M):**

- For theory courses, **two sessional examinations** shall be conducted in each semester as per the academic calendar. Each sessional examination shall be evaluated for **30 marks**.
- Question paper pattern for sessional examination (30 Marks) shall be as follows:

PART-A: 3 X 2 M = 6 M

- There shall be **one question from each unit**.
- All questions are **compulsory**.

PART-B: 3 X 8 M = 24 M

- There shall be **one question from each unit with internal choice** i.e., 'either' 'or' choice.
- The student has to answer one question from each unit.
- There could be a maximum of two sub-divisions in a question i.e., (a) and/or (b).
- Average of two SEs shall be calculated and used as the final sessional marks for each course.

❖ **B.Tech. Class Assessment (CA - 10 M):**

- Two class assessments consisting of **any one** of the alternative assessment tools (AAT) like **online quiz / assignment / objective exam / course project / case study etc.** shall be conducted covering the syllabus that is completed at the time of conducting the CA and evaluated for 10 marks each.
- The first and second CAs shall be conducted during the instruction days as per the Academic Calendar.
- The average of two CAs shall be calculated and used as the final Class Assessment marks.
- The valuation and verification of answer scripts of CIE shall be completed within a week after the conduct of the examination.

❖ **B.Tech. Semester End Examination (SEE - 60 M):**

- The SEE shall be conducted at the end of semester for a total of **60 marks** of **3 hours** duration.
- The syllabus for the theory courses shall be divided into SIX units and each unit carries equal weightage in terms of marks distribution.
- Question paper pattern for SEE (60 Marks) shall be as follows:

PART-A: 6 X 2 M = 12 M

- There shall be **one question from each unit**.
- All questions are **compulsory**.

PART-B: 6 X 8 M = 48 M

- There shall be **one question from each unit with internal choice** i.e., 'either' 'or' choice.
- The student has to answer one question from each UNIT.
- There could be a maximum of two sub divisions in a question i.e., (a) and/or (b).
- A student shall be deemed to have satisfied the minimum academic requirements and earn the credits for **each theory or practical or design or drawing course** in B.Tech. programme, if he secures
 - A **minimum of 35% marks** for each course in the **semester end examination (SEE)**, and
 - A **minimum of 40% marks** for each course considering **both CIE and SEE** taken together.
- A student shall be treated as **failed**, if he
 - **does not submit a report** on internship, mini-project, project, design related courses, or
 - **does not make a presentation** of the same before the evaluation committee as per the schedule, or
 - **secures less than 40%marks** in evaluation.
- For B.Tech. programmes, the following promotion rules are applicable.

Promotion	Conditions to be fulfilled
First semester to second semester	Regular course of study of first semester
Second semester to third semester	<ul style="list-style-type: none">✓ Regular course of study of second semester✓ Must have secured atleast 50 % of the total credits up to second semester i.e., 20 credits out of 40 credits from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
Third semester to fourth semester	Regular course of study of third semester

Fourth semester to fifth semester	<ul style="list-style-type: none"> ✓ Regular course of study of fourth semester ✓ Must have secured atleast 60 % of the total credits up to fourth semester i.e., 48 credits out of 80 credits from all the relevant regular and supplementary examinations, whether the student takes those examinations or not. ✓ In case of Lateral Entry (LE), students must have secured atleast atleast 50 % of the total credits up to fourth semester i.e., 20 credits out of 40 credits from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
Fifth semester to sixth semester	Regular course of study of fifth semester
Sixth semester to seventh semester	<ul style="list-style-type: none"> ✓ Regular course of study of sixth semester ✓ Must have secured atleast 60 % of the total credits up to sixth semester i.e., 72 credits out of 120 credits from all the relevant regular and supplementary examinations, whether the student takes those examinations or not. ✓ In case of Lateral Entry (LE), students must have secured atleast atleast 60 % of the total credits up to sixth semester i.e., 48 credits out of 80 credits from all the relevant regular and supplementary examinations, whether the student takes those examinations or not.
Seventh semester to eight semester	Regular course of study of seventh semester

- With reference to proposed 'B.Tech. degree with a Minor' in the R19 academic regulation, University nominees have appreciated the proposal and suggested to write to the JNTUH, Hyderabad and obtain approval from the University.

12.4 Academic Rules and Regulations (R19) of Ph.D. programmes under AICTE National Doctoral Fellowship scheme for the batches to be admitted from the academic year 2019-2020.

- VNRVJiet Ph.D. Regulations 2019 (R19) [Annexure-II] was presented before the committee for approval. The Committee felt that the Regulations are similar to JNTUH Regulation for Ph.D. program.
- Ph.D. R19 Rules and Regulations for the student batches to be admitted from the academic year 2019-2020 were approved. The Committee also recommended to look in to JNTUH Regulations as and when changes are made.

12.5 Minor amendments in the detailed syllabi of few courses of M.Tech. programmes under R18 Academic Regulation for the batches to be admitted from the academic year 2019-2020.

- Minor amendments in the detailed syllabi of few courses of M.Tech. programmes under R18 academic regulation [Annexure-III] were presented before the council for approval.
- The council approved the minor amendments in the syllabi of the courses of M.Tech. programmes under R18 academic regulation.
- These amendments shall be applicable to the student batches admitted from the academic year 2019-2020.

12.6 Approval of PSOs and POs of B.Tech. (Computer Science & Business Systems) programme:

- PEOs, PSOs and POs of B.Tech. (Computer Science & Business Systems) programme [Annexure-IV] applicable for the 2019-2020 admitted batch onwards were presented before the council for approval.
- Upon review, the council approved the PEOs, PSOs and POs of B.Tech. (Computer Science & Business Systems) programme applicable for the 2019 admitted batch onwards.

12.7. Implementation of MOOC's through NPTEL-SWAYAM platform as an option to elective courses on offer from the academic year 2019-2020 onwards:

- In continuation to the in-principle approval accorded in the 11th meeting of the Academic Council held on January 25th 2019, the council approved implementation of MOOCs through NPTEL-SWAYAM platform as an option to

elective courses on offer from the academic year 2019-2020 onwards. However, the council recommended the following points for successful implementation.

- Equivalency of elective courses must be defined as required.
- List of MOOCs courses offered through NPTEL-SWAYAM platform must be approved in the respective Board of Studies (BoS)
- Rules for execution of such courses and credit transfer must be defined clearly.

12.8 Any other matter:

12.8.1 Course Codes under B.Tech. R19 academic regulation:

- Format of course codes to be used for all the courses was presented before the council.
- Council agreed to the proposed course codes under B.Tech. R19 academic regulation.

The meeting concluded with vote of thanks to the Chair.

To

All the Members.



Dr. C.D. Naidu

Chairman-AC &

Principal

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