

MAHATMA GANDHI INSTITUTE OF TECHNOLOGY
(Autonomous)
Chaitanya Bharathi Post, Kokapet (V), Gandipet (M), Hyderabad-75.

24 February, 2022

The 1st meeting of the Academic Council, MGIT (A) was held from 11:00 AM to 01:00 PM on 24th February, 2022 (Thursday) in the Conference Hall, A- Block, MGIT, Gandipet, Hyderabad – 500075 under the Chairmanship of Dr. K. Jaya Sankar, Principal. The following members were present.

| S. No. | Name of the Member | Designation | Affiliation |
|--------|----------------------------------|---|--|
| 1 | Prof. K. Jaya Sankar | Principal and Chairman | Mahatma Gandhi Institute of Technology |
| 2 | Prof. M. Satyanarayana Reddy | Director – AES- Member | Mahatma Gandhi Institute of Technology |
| 3 | Prof. K.V. Ramana Reddy | HoD, Civil Engineering – Member | Mahatma Gandhi Institute of Technology |
| 4 | Prof. P. Ram Kishore Kumar Reddy | HoD, Electrical and Electronics Engineering – Member | Mahatma Gandhi Institute of Technology |
| 5 | Prof. K. Sudhakar Reddy | HoD, Mechatronics and Mechanical Engineering – Member | Mahatma Gandhi Institute of Technology |
| 6 | Prof. S.P. Singh | HoD, Electronics and Communication Engineering – Member | Mahatma Gandhi Institute of Technology |
| 7 | Prof. C. Ramesh Kumar Reddy | HoD, Computer Science Engineering – Member | Mahatma Gandhi Institute of Technology |
| 8 | Prof. D. Vijaya Lakshmi | HoD, Information Technology – Member | Mahatma Gandhi Institute of Technology |
| 9 | Dr. K. Ramanjaneyulu | HoD, Metallurgical and Materials Engineering – Member | Mahatma Gandhi Institute of Technology |
| 10 | Prof. M.V. Ramana Murthy | HoD, Mathematics and Humanities – Member | Mahatma Gandhi Institute of Technology |
| 11 | Dr. M. Ravichander | HoD, Physics and Chemistry – Member | Mahatma Gandhi Institute of Technology |
| 12 | Dr. P. Venkata Ramana | Professor, Dept. of MCT – Member | Mahatma Gandhi Institute of Technology |
| 13 | Dr. P. Chandra Shekar | Assoc. Professor, Dept. of EEE – Member | Mahatma Gandhi Institute of Technology |

G

M/S
4/3

G

M

B

d

in

v/s

Dr. Ramesh

ky

M/S

B

P2

G
04/3/22

| | | | | |
|----|--------------------------|---|---|--------------------|
| 14 | Dr. G. Madhavi | Asst. Professor, Dept. of ECE – Member | Mahatma Gandhi Institute of Technology | <i>[Signature]</i> |
| 15 | Ms. D. S. Bhavani | Asst. Professor, Dept. of CSE – Member | Mahatma Gandhi Institute of Technology | <i>[Signature]</i> |
| 16 | Dr. S. Durga Bhavani | Member | Professor, School of Computers & Information Sciences, UoH, Hyderabad - 500046 | <i>[Signature]</i> |
| 17 | Dr. L. Anjaneyulu | Member | Professor, Dept. of ECE, NIT, Warangal – 506004 | <i>[Signature]</i> |
| 18 | Dr. D.V.V Satyanayanna | Member | Scientist 'G', DMRL, Hyderabad – 500058 | <i>[Signature]</i> |
| 19 | Dr. Praveen Jambholkar | Member | CTO & Founder, AI Educator – Metagogy Learning Systems Pvt. Ltd, Hyderabad -500 033 | <i>[Signature]</i> |
| 20 | Dr. V. Hima Bindu | Member | Professor, Center for Environment, JNTUH | <i>[Signature]</i> |
| 21 | Dr. V. Parvathi | Member | Professor & Head, Dept. of English, JNTUH | <i>[Signature]</i> |
| 22 | Dr. B. Rama Devi | Member | Professor & Head, Dept. of Chemistry, JNTUH | <i>[Signature]</i> |
| 23 | Dr. E. Krishna Chaitanya | Asst.Prof., Dept. of M&H & Member Secretary | Mahatma Gandhi Institute of Technology | <i>[Signature]</i> |

At the outset, the Principal has wholeheartedly welcomed all the members of the Academic Council and delivered a brief presentation about the Institute. Further, the Principal requested all the members to actively participate, express their views and approve the items listed in the agenda.

[Handwritten mark]
04/3/22

Agenda Item 1

To approve the Academic Regulations for UG & PG Programs.

The Director, AES and member of the Academic Council, delivered presentation stating that the academic regulations for UG & PG programs are on the line of those of JNTUH. He also highlighted the variations and requested the members for the approval of Academic Regulations for UG & PG Programs.

Deliberations

There was a discussion on Finishing Schools. Dr. S. Durga Bhavani, Professor, School of Computers and Information Sciences, UoH, has asked whether the Finishing Schools meet the requirements of English Language learning alone or any other. Responding to this, Principal stated, in addition to the English language, Finishing Schools train students in Quantitative Aptitude and Analytical Ability to prepare for Graduate Record Examinations (GRE) and The Common Admission Test (CAT) examinations. Furthermore, Dr. S. Durga Bhavani inquired about whether the college was offering courses in the areas of Basic Ethics/Professional Ethics and Universal Human Values. In response to this, the Director, AES, said that the institution is offering some of these courses along with a few mandatory courses that are similar to these. Then, referring to the Director's presentation, Dr. S. Durga Bhavani sought clarification on what action college will take if students do not perform as per the examination criteria. Explaining this, the Director mentioned if students fail to achieve minimum number of credit points, they will be detained and provided further details about detention process. Seeking clarification about the semester end examinations, Dr. S. Durga Bhavani asked whether college would be conducting the semester end examinations. Answering to this, the director responded affirmatively that the college will be conducting.

Dr. Praveen Jambholkar, CTO & Founder, AI Educator – Metagogy Learning Systems Pvt.Ltd., Jubilee Hills, Hyderabad & Member of the Academic Council (AC), has sought clarification on marks distribution between CIE and SEE and the Director, AES, mentioned that the college is following 30 : 70 marks pattern as suggested by the parental university, JNTUH. Further, Dr. S. Durga Bhavani suggested employing your own marks pattern to exercise more control over the assessments. She further raised concern about the students who miss lab sessions and fail to meet attendance criteria. Answering to this, the Principal stated that the college is working on rubrics to be used for assessment of practical courses so that students attend their lab sessions. He also said it will be presented in the next Academic Council Meeting. Next, Dr. S. Durga Bhavani asked about when the college will follow choice based credit system (CBCS). Regarding this, the Director said that the college follows CBCS from V semester onwards and added that they are offering 3 open electives and professional electives.

After completion of the presentation, the Director, AES, moved for approval of the academic regulations for UG & PG programs. In this regard, members of the AC expressed their appreciation for meticulous framework and compilation of the academic regulations for UG & PG programs which are on the lines of JNTUH.

Resolution

It was resolved to approve the academic regulations for UG & PG programs (w.e.f. A.Y. 2021-2022) by the members of the AC. This resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambholkar and hence was approved.

G
04/3/22

Agenda Item 2

To approve the Scheme of Instruction & Examination of all branches (w.e.f. A.Y. 2021-2022) under the autonomy mode for B.Tech. I Semester to VIII Semester and M.Tech. I Semester to IV Semester.

The Heads of Department have made brief presentations and requested the members for the approval of Scheme of Instruction & Examination of all branches i.e. Civil, EEE, ECE, CSE, IT, MME & Mechanical and Mechatronics for B.Tech. I Semester to VIII Semester and M.Tech. i.e. Civil, EEE, ECE, CSE & MCT departments I Semester to IV Semester. The schemes of instruction in general are in tune with the JNTUH.

Deliberations

There was a general discussion among the members of Academic Council on the Scheme of Instruction and Examination pertaining to the various branches of B.Tech I Semester to VIII Semester and M.Tech I Semester to IV Semester. Moreover, the members of AC were satisfied with the presentation and did not express any specific clarification or concern in this context.

Resolution

It was resolved to approve the Scheme of Instruction & Examination of all branches for B.Tech. I Semester to VIII Semester and M.Tech. I Semester to IV Semester by the members of the Academic Council (AC). The resolution was approved by Dr. Praveen Jambholkar and was seconded by Dr. S. Durga Bhavani and hence was approved.

Agenda Item 3

To approve the detailed syllabus of all branches, (w.e.f. A.Y. 2021-2022), which was finalized by the respective Boards of Studies under the autonomy mode for B.Tech. I Semester to IV Semester and M.Tech. (Civil, EEE, ECE, CSE & MCT departments) I Semester to IV Semester.

The Heads of Department have made presentations and requested the members for the approval of detailed syllabus of all branches, applicable for the batches to be admitted (w.e.f. A.Y. 2021-2022), which was finalized by the respective Boards of Studies under the autonomy mode for B.Tech. I Semester to IV Semester and M.Tech. (Civil, EEE, ECE, CSE & MCT departments) I Semester to IV Semester.

Department of Civil Engineering

Deliberations

The Head, Dept. of Civil Engineering made a presentation on the detailed syllabus of Civil Engineering for B.Tech. I Semester to IV Semester and M.Tech. (STE) I Semester to IV

6
04/3/22

Semester. While listening to the presentation, Dr. Praveen Jambholkar suggested prescribing AI & ML as electives in the civil engineering programs and further mentioned the positive role of AI & ML in predicting whether a structure (in the context of civil engineering) will be stable or unstable. Responding to this, Dr. K.V. Ramana Reddy mentioned that AI & Cyber Security are mandatory courses for Civil Engineering students. Further, Principal stated that he will consider introducing AI & ML open elective courses. It was followed by a general discussion on mandatory non-credit courses such as Gender Sensitization and Constitution of India.

Mentioning about the PG Structural Engineering (STE) syllabus, the Head, Dept. of Civil Engineering, said that they are following the same syllabus suggested by the JNTUH. Furthermore, he was delighted to share that the department introduced Numerical Analysis (NA) lab with the suggestions made by members of BoS. Stating about its usefulness, he said the course provides inputs in analyzing the beam and columns which will be helpful in improving practical knowledge of students. He also added that this course is not offered in the JNTUH.

After a brief presentation made by the Head, Dept. of Civil Engineering, he moved for the approval of detailed syllabus pertaining to various courses offered by the Civil department for B.Tech. I Semester to VIII Semester and M.Tech. I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus pertaining to various courses that the Civil Engineering department is offering for B.Tech. I Semester to IV Semester and M.Tech.(STE) I Semester to IV Semester by the members of the Academic Council (AC). The resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambholkar and hence was approved.

Dept. of Computer Science

Deliberations

Dr. C.R.K. Reddy, Prof. & Head, Dept. of Computer Science Engineering, delivered a presentation regarding the detailed syllabus offered by CSE Department for B.Tech. I Semester to VIII Semester and M.Tech. (AI) I Semester to IV Semester. All the members of the AC were satisfied with the detailed syllabus without raising any specific concerns.

While listening to the department achievements, Dr. Praveen Jambholkar expressed his appreciation and lauded the efforts put in by the department to obtain the OREMI R&D research project and he inquired about the source of funding for this R&D project. Responding to this, the Principal mentioned about the funding source, procedure to carry out the project and the researchers (Mr. & Mrs. Yak of Oremi AI, Singapore) involved in this collaborative project. Dr. C.R.K. Reddy, Prof. & Head and Dr. Sreevani, Associate Professor of CSE, MGIT, mentioned that the project seeks to identify the pressure points to change the mood of a person and added it explores mental pressure of individuals with regard to Industry 4.0. Dr. Praveen Jambholkar was all ears and expressed his willingness to collaborate and support the project in whatever way he can.

④
04/3/22

Then, there was a discussion on aspects such as MODROBS project, exclusive tutorials for SC/ST students. While clarifying them, Dr. C.R.K. Reddy stated that they would conduct exclusive tutorial classes for the SC/ST students. During the presentation, Dr. Praveen Jambholkar asked what programming language they teach under serial number 7 in the II semester syllabus. The head of CSE department responded that they teach C Language pointing to the serial number 7 in the II semester syllabus. Further, Dr. Praveen expressed his concern over Analog Electronics (AE), and said that AE is gradually losing its sheen and applicability in the current times. While mentioning about the Nuero Linguistic Programme (NLP), Dr. Praveen Jambholkar stated that NLP is entirely different and changed drastically in the existing scenario and said it is currently used in the domain of Machine Learning (ML). In addition to this, he suggested that NLP should be included in the syllabus content as it is highly complex and most sought after element. Responding favorably to this, the Principal and the Head, Dept. of CSE, Dr. C.R.K. Reddy mentioned they seek experts' inputs from industry and academia in this regard.

During the presentation, Dr. S. Durga Bhavani sought explanation about open electives offered by the CSE Dept. to other branch students. Answering this, Dr. CRK Reddy mentioned they offer Data Structures, DBMS and OS as open electives. While appreciating the variety of subjects offered in Finishing Schools, Dr. Praveen expressed his concern that majority of the engineering colleges are offering Data Structures alone in Finishing Schools. He added that he has never come across, an exclusive framework for Cloud Computing (CC), front-end, back-end, Nudges and Jango being used today widely in the industry, in any of the academic institutions. Also, he mentioned that knowledge of CC is extremely critical for IT sector. In this context, Principal and Dr. C.R.K. Reddy said they are looking forward to receiving further advice on it and mentioned that there is scope and possibility to implement this suggestion of including the CC elements in V-VIII semester.

After the presentation, Dr. C.R.K. Reddy, Prof & Head, Dept. of CSE, moved for approval of the detailed syllabus that CSE department offers for B.Tech. I Semester to IV Semester and M.Tech. Artificial Intelligence (AI) I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus offered by CSE department for B.Tech. I Semester to IV Semester and M.Tech. (AI) I Semester to IV Semester by the members of the AC. The resolution was approved by Dr. Praveen Jambholkar and was seconded by Dr. S. Durga Bhavani and hence was approved.

Department of EEE

Deliberations

Dr. Ram Kishore Kumar Reddy, Prof. & Head, Dept. of EEE, delivered a presentation regarding the detailed syllabus offered by EEE Department for B.Tech. I Semester to IV Semester and M.Tech. Power Electronics and Electric Devices (PEED) I Semester to IV Semester. Some members of the AC have expressed the following concerns and provided the suggestions regarding the detailed syllabus.

4
24/3/22

Dr. Praveen Jambholkar enquired about Micro controller and Microprocessor that they teach to the students. In response to this, the Head, Dept. of EEE said, they teach DMA Controller and use 8085 and 8086 processors. In this context, Dr Praveen Jambholkar mentioned that these controllers and processors were outdated and expressed concern on whether there is any possibility of updating syllabus with the latest processors used in the industry. Further, he reminded that world has changed a lot in the hardware sector too and he sought explanation for teaching 8085 and 8086 processors. Responding to this, Heads of the EEE and ECE department mentioned that fundamentals being crucial to the B.Tech. students, they teach processors (8085 & 8086) to the UG students.

Further, Dr. Praveen mentioned that the Power Electronics and Solar Inverter are not made in India. He also suggested incorporating areas of new FFT and DSP, Interface Technology in the syllabus as it becomes emerging technology. While responding to this, the Principal said that they will conduct Course Design workshops and seek inputs from the experts in industry and academia and also stated to implement these inputs in the V semester. Justifying the existing syllabus, the Principal stated that it caters to the needs of GATE aspirants and also assured that they will modify certain areas to meet the industry requirements. Next, Dr. Praveen raised concern about teaching traditional Control Systems (CS) and Digital Signal Processing (DSP) as there has been a lot of advancements took place in these areas such as stochastic filters and others. This point was supported by Dr. S. Durga Bhavani and suggested revamping of the syllabus.

Having accepted the suggestions made by members of the AC, the Principal mentioned the action plan of conducting Course Design workshops involving the expertise of Industry and Academia to fulfill the requirements of the Industry and students' higher education. He also added that they will gear up before the National Educational Policy of India (NEP) is implemented in the state of Telangana. This academic initiative was appreciated and supported by Dr. S. Durga Bhavani and Dr. Praveen.

Soon after the presentation, the Head, Dept. of EEE, moved for approval of the detailed syllabus of EEE branch for B.Tech. I Semester to IV Semester and M.Tech. (PEED) I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus of EEE branch for B.Tech. I Semester to IV Semester and M.Tech. (PEED) I Semester to IV Semester by the members of the AC. The resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambholkar and hence was approved.

Department of ECE:

Dr. S.P. Singh, Prof. & Head, Dept. of ECE, delivered a presentation regarding the detailed syllabus offered by ECE Department for B.Tech. I Semester to IV Semester and M.Tech. Digital Electronics & Communications Engineering (DECE) I Semester to IV Semester. All the members of the AC paid rapt attention to the presentation and raised the following concerns and provided the suggestions regarding the detailed syllabus.

G
24/3/22

In his presentation, Dr. S.P. Singh highlighted that they are introducing Finishing School (FS) from the III semester onwards to transform students as industry-ready professionals and mentioned that they have expanded existing JNTUH syllabus for providing more insights to GATE. Regarding learning fundamentals, Dr. S.P. Singh felt that they are essential to form a solid base to acquire advanced and sophisticated developments in processors. While listening to the presentation, Dr. Praveen Jambholkar asked the necessity of having Digital Signal Processing (DSP) component in the syllabus and it was answered by Dr. S.P. Singh. During the discussion session, Dr. Praveen lauded the efforts of ECE students in bagging various prizes in the events organized by reputed organizations such as MCME.

After the presentation of the Head, Dept. of ECE, he moved for approval of the detailed syllabus of ECE branch for B.Tech. I Semester to IV Semester and M.Tech. (DECE) I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus of ECE branch for B.Tech. I Semester to IV Semester and M.Tech. (DECE) I Semester to IV Semester by the members of the AC. The resolution was approved by Dr. Praveen Jambholkar and was seconded by Dr. S. Durga Bhavani and hence was approved.

Department of IT

Deliberations

Dr. D. Vijaya Lakshmi, Prof. & Head, Dept. of IT, delivered a presentation regarding the detailed syllabus offered by IT Department for B.Tech. I Semester to VIII Semester. All the members of the AC paid rapt attention to the presentation and raised the following concerns and provided the suggestions regarding the detailed syllabus.

During the presentation, Dr. Praveen raised a concern over teaching a traditional Micro-processor (8086) to the students as it is outdated and further he expressed that students should be taught what is practically useful to them. Regarding the V semester, Dr. Praveen suggested topics such as Data Communication along with Computer Network and Web Programming to be included in the syllabus. With regard to Discrete Mathematics (DM) in the VI semester, Dr. S. Durga Bhavani expressed her view that DM being fundamental, it can be included in either II or III semesters instead of placing it in the V semester. Responding to this, the Head of IT mentioned that DM is moved to the V semester because of the alignment of credits and she mentioned that she will look into it, change it and get it approved in the subsequent AC meeting.

Furthermore, Dr. S. Durga Bhavani asked whether other B.Tech. programs have mandatory summer internships programs. In response to this, the HoD of IT stated that all the B.Tech programs have mandatory summer internships programs. After listening to the syllabus, Dr. Praveen expressed his appreciation by acknowledging that it is the best syllabus available in today's context for placements. Dr. Praveen expressed an alarming concern about the sad state of affairs with regard to the students' minor and major projects because in most cases these

6
94/3/22

projects are farcical or bought from some other sources. He expressed concern that project works are to be done authentically to attain practical knowledge from what they do.

During the presentation, Dr. Durga Bhavani sought clarification on Computer Science & Business System Program. Responding to this, the Head of the department IT mentioned that this course is a combination of business courses and Computer Science. Sharing further details about this program, Principal said that this program (i.e. CS&BS) was actually mooted by TCS in 2018 and it was included by AICTE in its list of courses. Subsequently, state universities started this course. JNTU included this course from A Y. 2020 2021 and the same was adopted by the affiliated colleges. He also added that college will conduct course design seminars to make this program further better by seeking inputs from the expertise from industry and academia.

Soon after the presentation the Head, Dept. of IT, moved for approval of the Scheme of Instruction & Examination of IT branch for B.Tech. I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus of IT branch for B.Tech. I Semester to IV Semester by the members of the AC. The resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambholkar and hence was approved.

Department of Mech. & MCT

Deliberations

Dr. K. Sudhaker Reddy, Prof. & Head, Dept. of Mechanical, delivered a presentation regarding the detailed syllabus offered by Mechanical Department for B.Tech. I Semester to IV Semester and M.Tech. (MCT) I Semester to IV Semester. During the presentation, he said that the B. Tech. syllabus of the department is in tune with the JNTUH with minor changes in open and professional electives in the I to IV semesters. Regarding PG syllabus, he said the department follows similar curriculum suggested by the JNTUH. Furthermore, Dr. K. Sudakar Reddy thanked Dr. Praveen profusely and acknowledged the support and guidance of Dr. Praveen in establishing labs in the Mechanical department. All the members of the AC were satisfied with the detailed syllabus.

After the presentation, the Head, Dept. of Mech. & MCT, moved for approval of the detailed syllabus of Mech. & MCT department for B.Tech. I Semester to IV Semester and M.Tech. Mechatronics (MCT) I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus of Mech. & MCT department for B.Tech. I Semester to IV Semester and M.Tech. (MCT) I Semester to IV Semester by the members of the AC. The resolution was approved by Dr. Praveen Jambholkar and was seconded by Dr. S. Durga Bhavani and hence was approved.

Department of MME

Deliberations

4
04/3/22

Dr. K. Ramanjaneyulu, Associate Prof. & Head, Dept. of Metallurgical and Materials Engineering (MME), delivered a presentation regarding the detailed syllabus offered by MME Department for B.Tech. I Semester to IV Semester. During the presentation, he mentioned that the department has research projects worth 50 lakh rupees and also mentioned that 70% of the department faculty completed their PhD. The rest of them are pursuing their Ph.D. He was happy to announce that MME dept. is establishing Centre of Excellence to accelerate R&D activities in their department. Regarding the syllabus, the Head, MME department clarified that I and II semester B.Tech. syllabus is common across all the branches. The department introduced Modeling and Simulation lab and he also stated that professional electives and open electives offered are on the lines of the JNTUH courses. All the members of the AC were satisfied with the detailed syllabus without raising any specific concern.

After the presentation, the Head, Dept. of MME, moved for approval of the detailed syllabus of MME branch for B.Tech. I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus of MME branch for B.Tech. I Semester to IV Semester by the members of the AC. The resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambolkar and hence was approved.

Department of M&H

Deliberations

Prof. M.V. Ramana Murthy, Head Department of Mathematics & Humanities (M&H), presented the detailed syllabus and stated that the department supports core engineering branches in terms of offering different kinds of courses in Mathematics, English and Management Sciences. He also said that they did not deviate much from the parental university syllabus. Finally, he mentioned that the department offers 8 courses for different engineering branches. Throughout the presentation, he made an attempt to explain the importance of Mathematics in various branches of Engineering.

After listening to the Head, department M&H, one of the members of the AC, Dr. Parvathi, Professor and Head, Department of English, JNTUH, expressed concern about whether the M&H department deviated more than 20% in designing its syllabus. Responding to this, Principal stated that there is less than 5% of deviation in the syllabus which was approved by the BoS.

After the presentation, the Head, Dept. of M&H, moved for approval of the detailed syllabus pertaining to various courses that the M&H department is offering for B.Tech. I Semester to IV Semester and M.Tech. (common to all branches) I Semester to IV Semester.

Resolution

It was resolved to approve the detailed syllabus pertaining to various courses that the M&H

G
24/3/22

department is offering for B.Tech. I Semester to IV Semester and M.Tech. I Semester to IV Semester by the members of the AC. The resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambholkar and hence was approved.

Department of P&C

Deliberations

Dr. M. Ravichander, Associate Professor & Head, Department of Physics and Chemistry, presented that the department offers Physics and Chemistry courses apart from the Environmental science for all the branches of engineering. Regarding the syllabus design, he said the syllabus is more or less same as the parental University's syllabus. All the members of the AC were satisfied with the detailed syllabus without raising any specific concern.

After a brief presentation made by the Head, Dept. of P&C, he moved for approval of the detailed syllabus pertaining to various courses that the P&C department is offering for B.Tech. I & II Semesters.

Resolution

It was resolved to approve the detailed syllabus pertaining to various courses that the P&C department is offering for B.Tech. I & II Semesters by the members of the AC. The resolution was approved by Dr. Praveen Jambholkar and was seconded by Dr. S. Durga Bhavani and hence was approved.

Agenda Item 4

To approve the proposal pertaining to the Examination and Remuneration schedule under the autonomy mode.

The Director, AES, delivered presentation on Student Examination fee and Remuneration schedule. The institute has proposed the Examination fee for UG & PG programs in accordance with the guidelines issued by JNTUH Circular vide Proceeding No – EB/374/Guidelines to Autonomous Colleges/2021/dated 08-06-2021. The Director, AES, requested the members for the approval of proposal pertaining to the hike in Examination fee taking into consideration JNTUH circulars issued in this regard from time to time.

Deliberations

During his presentation, regarding the Examination and Remuneration Schedule, the Director AES, mentioned that the college adheres to the JNTUH Circular issued in June 2021 and is following the guidelines given there. Elaborating on this, he said examination fee of UG and PG students is prescribed as per the JNTUH guidelines. Referring to the late fee, he stated that college is giving more time and charging less than the Parental university.

6
24/3/22

- Rs. 100/- (This slab is fixed on the lines of the JNTUH guidelines)
- Rs. 500/- (Slab is introduced exclusively by MGIT and it is not there in JNTUH)
- Rs. 1000/- (Slab is introduced in MGIT against Rs 5000 charged in JNTUH)
- Rs. 5000/- (One day before the examination)
- Rs. 10,000/- (MGIT has done away with this Slab which is still there in the JNTUH)

Sharing about Question paper setting, he said that they have created a panel of examiners from NITs, Universities and Autonomous colleges and he further mentioned that they have enhanced question paper setting remuneration from Rs. 1000/- (prescribed by JNTUH) to Rs. 1500/- per set. The purpose of enhancing the remuneration is to improve the quality of paper setting. Along with this, he said that Scrutiny, being the crucial element of examination and marks, remuneration per script is enhanced from Rs. 1.50 (prescribed by JNTUH) to Rs 2/- in MGIT. As per the JNTUH directions, an amount of Rs. 250/- (230+20) per student is retained towards payment of remuneration to various staff in conducting theory and practical examinations. The exam remuneration schedule proposed is based on the existing practice.

Referring to the serial number 35 in the Director's presentation, members of Council had a discussion on the role of moderator and Chairperson, BoS. In this regard, Dr. B. Rama Devi, Professor, Center for Environment, JNTUH, Member of the AC, suggested that a senior person from the department can be appointed as moderator. This moderator is responsible and will verify whether the question paper set by the external examiner is within the prescribed limits of Syllabus and guidelines issued. He / She should also check whether the COs and POs are properly aligned in the question paper. Further, she sought clarification on how long a person can act as a moderator. Responding to this, the Director mentioned that the appointment of moderator is for a given examination only. Further, he added that for every semester end examination, the BoS will be requested to suggest a moderator for the courses offered by the department.

Soon after the presentation, Dr. Parvathi expressed her heartfelt congratulations to the college for attaining autonomy and appreciated for recruiting faculty on regular basis, maintaining quality infrastructure and consistently high placement rate. In this regard, she thanked the Principal, Director and Heads of all Departments. Next, she wants the institution to focus on the following:

1. Whether MGIT has deviated or brought any changes in the credits suggested by the JNTUH.
2. Clarification for the inappropriate cadre ratio. Dr. Parvathi mentioned that there is 230 regular teaching staff in the college. There are 195 Assistant Professors and only 17 Assoc. Professors and 18 Professors. She mentioned that Staff ratio is not as per the AICTE norms.
3. Clarification on the course structure of the Finishing Schools (FS). She said FS are offered across all the first six semesters apart from this she sought further information on whether Finishing School in the III semester focuses on communication skills or employability skills.

G
24/3/22

Responding to the first and third concerns, the Principal stated that syllabus of the institution is on par with the R18 guidelines issued by the JNTUH. Moreover, he said, the syllabus of Advanced English Communication Skills (AECS) laboratory is still as per the R18 and the same lab is offered under Finishing School-2 with mere change in title of the course. He added that training sessions on Verbal Ability (VA) and Quantitative Aptitude (QA) will be delivered by the third party in the IV semester to train students for the placements. Justifying his stand on the change of credits, he said that student miss classes for the zero credit courses and labs. To overcome this issue, the college had to change the credits and distribute them for Finishing Schools to enable them as minimal credit courses/labs. Also, the Principal mentioned that the institute seeks support and guidance from time to time from the BoS and experts in this regard. Clarifying the second concern, the Principal agreed that the staff ratio needs to be improved and mentioned that the institution will advertise the faculty recruitment notification and conduct interviews for various positions as per the circulars of the JNTUH in this connection. Also, the Principal responded favorably to the suggestion given by Dr. Parvathi with regard to making English as an independent department.

After this, Dr. B. Rama Devi sought clarification on the status of Career Advancement Scheme (CAS) and the duration of the Induction Program conducted for the first year students. In response to this, the Principal said we will consider to revoke CAS soon. He added that Induction program was conducted for 2 weeks in the A.Y. 2021-2022 as per the guidelines of parental university.

Dr. L. Anjaneyulu, Professor. Dept. of ECE, NIT, Warangal – Member of the AC, expressed his concerns about implementation of the NEP in MGIT and enquired about conduct of any workshops and seminars to bring awareness about NEP. The Principal responded that the state government of Telangana has not adopted NEP and is gearing up towards this purpose. Dr. L. Anjaneyulu, furthermore, suggested increasing weightage for the internal assessment and decreasing the weightage for external assessment. He also recommended providing more space and scope for various extra-curricular and social activities to reduce pressure on students. And for this purpose, he suggested drawing a few committed faculty members to help students in conducting and participating in the activities. By suggesting this, he said there should be more focus on the 'outside classroom activities and experiential learning'. He stated that classroom oriented learning and interaction should be challenging, participatory and engaging to the students to achieve the overall purpose in academics.

He further mentioned that there is less priority than expected to the mandatory courses with zero credits that are dealt by Humanities. Basic Sciences and Engineering branches. In his reply, the Principal stated that we will look into it and implement this suggestion in the future. Also, Dr. L. Anjaneyulu, sought clarification on whether MOOCs component is included in the regulations meant for students to choose it as a regular elective and whether MOOCs can be turned into credit course. Clarifying on this, the Principal stated that we will frame amalgamation policy to meet the requirements suggested.

Dr. L. Anjaneyulu also enquired whether the college is taking up National Program me on Technology Enhanced Learning (NPTEL) & Study Webs of Active-Learning for Young Aspiring Minds (SWAYAM) courses. The Principal responded that MGIT has got 5th place in 2019 and 8th place in 2020 and was listed in top 50 institutions in 2021 with regard to the number of students and faculty members actively taking up courses and Examinations

G
9/13/22

conducted by NPTEL-SWAYAM. Dr. L. Anjaneyulu also suggested that more weightage should be given for Mini projects and Community-based projects that explore societal problems. He also mentioned that such projects should be made mandatory as they bring awareness and improve employability skills. Then, there was a general discussion on obtaining a minimum of 50% marks to pass M.Tech. examinations. The Principal clarified that all the universities including the parental university follow the same norm of securing 50% of marks to pass the M.Tech. exams and hence MGIT has adopted it. Dr. L. Anjaneyulu also mentioned that the Cadre Ratio is alarming in the institution. The Principal said that they will address the issue. After this, Dr. B. Rama Devi sought clarification on whether the college is recruiting specialist teachers to teach Constitution of India (CoI) course from outside the college. The Principal stated that college will recruit teachers from outside the college to teach the CoI course.

After making this presentation, all the members of academic Council thanked the Director, AES, profusely for his untiring efforts and meticulous work in this regard.

Further, the Director, AES, requested the members of academic Council to accept the Examination and Remuneration Schedule.

Resolution

It was resolved to approve the Examination and Remuneration Schedule for the UG & PG programs (w.e.f. A.Y. 2021-2022) by the members of the AC. The resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambholkar and hence was approved.

Agenda Item 5

Any other item with the permission of chair.

1. The Chairman, Academic Council, may be authorized for taking appropriate decisions, as and when required for smooth functioning of the institute, in consultation with the HoDs. Such decisions will be placed in the subsequent Academic Council meeting for ratification.
2. To ratify the constitution of BoS of the departments

Deliberations

There was a discussion on granting authorization to the Principal to make necessary decisions whenever it is needed with the consultation of the HoDs of the department. Apart from this, ratification of the BoS of the departments was discussed. Both points being reasonable and essential in smooth functioning of the institute, the members of the AC responded favorably to approve them.

Resolution

It was resolved to approve the proposal of giving authorization to the Principal to take appropriate decisions, as and when required, for the smooth functioning of the institute, in

G
24/3/22

consultation with the HoDs. In addition to this, it was resolved to approve the ratification of constitution of the BoS of the respective departments. These points were included for the approval of the members of Academic Council. This resolution was approved by Dr. S. Durga Bhavani and was seconded by Dr. Praveen Jambholkar and hence was approved.

After completion of the meeting, Principal and Chairman of the Academic Council, Dr. K. Jaya Sankar, expressed his deep sense of gratitude and sincere thanks to all the members of the Academic Council for their active participation. The meeting was concluded at 02:00 PM.

(b)
04/3/22
Principal

- 1. (b)
- 2. [Signature]
- 3. [Signature]
- 4. [Signature]
- 5. [Signature]
- 6. [Signature]
- 7. [Signature]
- 8. [Signature]
- 9. [Signature]
- 10. [Signature]
- 11. [Signature]
- 12. [Signature]

- 13. [Signature]
- 14. [Signature]
- 15. [Signature]
- 16. [Signature]
- 17. [Signature]
- 18. [Signature]
- 19. [Signature]
- 20. [Signature]
- 21. [Signature]
- 22. [Signature]
- 23. [Signature]