

# Minutes of Academic Council Meeting

held on 01 Feb 2020

Venue: Conference Hall, GRIET, Hyd.

The following members are present.

S.No.	Member Name	Position	Signature
1.	Dr. J. Praveen	Chairman	<u>J. Praveen</u>
2.	Dr. A. Chennakesava Reddy	JNTUH Nominee	<u>A. Chennakesava Reddy</u>
3.	Dr. G. K. Viswanadh	JNTUH Nominee	<u>G. K. Viswanadh</u> 01/02/2020
4.	Dr. A. Prabhu Kumar	JNTUH Nominee	<u>A. Prabhu Kumar</u>
5.	Dr. K. Lal Kishore	External Expert	<u>K. Lal Kishore</u> 01/02/2020
6.	Mr. Ramesh Paturi	External Expert	
7.	Mrs. Medha Ghurka	External Expert	
8.	Mr. Ramakrishnam Raju Ch	External Expert	
9.	Mr. D. Rajendra Prasad	External Expert	<u>D. Rajendra Prasad</u>
10.	Mr. K V K Raju	External Expert	<u>K V K Raju</u>
11.	Dr. Sandhyala N Murthy	Senior Member	<u>Sandhyala N Murthy</u>
12.	Dr. Ch. Mallikarjuna Rao	Senior Member	<u>Ch. Mallikarjuna Rao</u>
13.	Dr. A Sai Hanuman	Senior Member	<u>A Sai Hanuman</u>
14.	Dr. Y. Rama Krishna Prasad	Senior Member	<u>Y. Rama Krishna Prasad</u>
15.	Mr. P. Gopala Krishna	Senior Member	<u>P. Gopala Krishna</u> 01 Feb 20
16.	Dr. J. Sridevi	HOD, EEE	<u>J. Sridevi</u>
17.	Dr. N. Sateesh	HOD, ME	<u>N. Sateesh</u>
18.	Dr. N. Swetha	HOD, ECE	<u>N. Swetha</u>
19.	Dr. K. Madhavi	HOD, CSE	<u>K. Madhavi</u>
20.	Dr. K. Prasanna Lakshmi	HOD, IT	<u>K. Prasanna Lakshmi</u>
21.	Dr. V. Mallikarjuna Reddy	HOD, CE	<u>V. Mallikarjuna Reddy</u>
22.	Dr. B. Srinivasa Rao	HOD, H&S	<u>B. Srinivasa Rao</u>
23.	Dr. C. Lavanya	Member Secretary	<u>C. Lavanya</u>

Member Secretary welcomed all the members to the meeting including JNTUH Nominees and new industry external members Shri D. Rajendra Prasad and Shri KVR Raju on board and enlighten about the status of GRIET covering NBA & NAAC Accreditations, R & D, Consultancy, Scopus Publications, placements including rankings and recognition of GRIET by prominent ranking agencies.

Agenda	Deliberations/ Resolution	Action by who
1 Result Analysis of Academic Year 2019-20	<p>DAA presented Result Analysis of IV, III, II &amp; I B.Tech I Sem for AY 2019-20 for programmes (CE, EEE, ME, ECE, CSE and IT) and M.Tech I year II Sem for AY 2018-19 for 9 programmes (DFM, TE, PE, PS, VLST, ES, CSE, SE and STE) for discussion along with the remedial measures such as conduction of remedial classes, facilitation of course material, counseling, mentoring for academically weak students and CO-PO attainment. Members viewed result analysis and action taken regarding result. DAA explained about the process and action taken report by associate Dean Finishing School, Chairman reviewed pass percentages of all programmes distinction and classes obtained</p>	DAA; IQAC

Agenda

Weak Students, such as providing Study material.

Chairman and all the members agreed the smooth conduct of Semester proceedings and satisfied with pass percentage of all programmes and also attainment status of CO-PO and advised to sustain efforts.

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A; 2 SWAYAM/NPTEL Courses

DAA discussed about the result of SWAYAM/NPTEL, offered as open Elective for III B.Tech Isem GR17 Regulations in the AY 2019-20. Result are as follows.

Sl No	Branch	Course Code	Course Name	No. of student Registered	Total no. of student passed	Pass %
1	CE	GR17AG001	Project Planning & Control	138	101	73.2
2	EEE	GR17AG002	Solar photovoltaic Fundamentals, Technology & Application	135	96	69.1
3	ME	GR17AG003	Steam power Engineering	139	126	90.1
4	ECE	GR17AG004	Introduction to Internet of Things	360	353	98
5	CSE	GR17AG004	Introduction to Internet of Things	429	410	95.6
6	IT	GR17AG005	Introduction to Machine Learning	195	178	91.3

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Agenda

Deliberation

Resolution

Action by Whom

And also DAA explained the overall result of SWAYAM/NPTEL in year 2019, in which GRIET got All India Rank three(3), and AAA rating out of 100 local chapters of SWAYAM/NPTEL.

Top 100 SWAYAM-NPTEL LOCAL CHAPTER (Jul-Dec 2019) By default, Top 100 Local chapters will be Considered as ACTIVE.

Local chapters

Local chapter	College Name	Present	Center files	Success fully completed	Elite	Silver	Gold	Topper	Rating
1419	Geekaraju Rangaraju Institute of Engineering And Technology.	1586	1430	230	631	543	21	156	AAA

Chairman and members appreciated the efforts of institute in smooth implementation of courses on SWAYAM NPTEL platform.

DAA presented details about the subjects offered for III B.Tech I/II Sem, Regular/Supplementary for Ay 2019-20 and the list is as follows.

Agenda

Deliberations / Resolution

Action Whom

III B.Tech II Sem Regular Subjects.

S.N	Branch	Course Code	Course Name
1	CE	GR17AG006	Plastic Waste Management
2	EEE	GR17AG004	Introduction to Internet of things
3	ME	GR17AG007	Processing of polymers & Polymer Composites.
4	ECE	GR17AG008	Programming data structures & Algorithms using python.
5	CSE	GR17AG009	User Centric Computing for Human Computer Interaction
6	IT	GR17AG008	Programming data structures & Algorithms using python

III B.Tech I Sem Supplementary Subjects.

S.N	Branch	Course Code	Course Name
1	CE	GR17AG001	Project Planning & control
2	EEE	GR17AG010	Solar photovoltaics: Principles, Technologies & Materials.
3	ME	GR17AG011	Nature & properties of Materials.
4	ECE	GR17AG004	Introduction to Internet of things
5	CSE	GR17AG004	Introduction to Internet of things
6	IT	GR17AG012	Data Mining

Chairman and members approved the courses and advised to conduct the classes in parallel - for the benefit of students.

DAA discussed about the possibility

UDACITY, Data Camp, udemy etc.

Academic Council Advised to introduce the online platforms which are approved by UGC/AICTE and JNTUH. currently recognition is given to SWAYAM/NPTEL.

3 Review of "Design Thinking" DAA explained about the new Mandatory Course "Design Thinking" in GR18 Regulation for 11 B.Tech students which are offered AY 2019-20. DAA explained about Workshops and FDP Conducted to the faculty and also explained about the conduction of classes to the students. DAA

The following students registered for Design Thinking Courses.

S.NO	Branches	Semester
1	MECH	I
2	ECE	I
3	IT	I
4	CE	II
5	EEE	II
6	CSE	II

Chairman and members suggested to continue to offer this as mandatory course and not to include this course for SGPA calculation or for class category calculation.

Deliberations/

Resolution

Action by

Whom

Agenda

Review of  
"Audit Courses"

DAA explained about the audit courses offered in AY 2019-20 and stressed about the importance of these courses in the present hour

DAA.

List of Audit Courses Conducted in  
Ay 2019-20.

S.No	Type of Course
1	Basic Course in yoga
2	Self Defense
3	Life skills
4	Radio Jockeying & Radio programme production

Academic Council encouraged the introduction of these courses and advised to not increase the number of Audit Courses rapidly. Also suggested to treat like no credit which shall not effect SGPA Calculation.

5. Review of "Value Added Courses"

DAA explained about the value added courses offered in the AY 2019-20 and explained the need of these courses to fill the gap between curriculum and industry

List of Value Added Courses  
Offered in Ay 2019-20.

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S.N	Course Name	Branch	Academic year	Regulation
1	Programming in Python & Machine Learning	CSE	2019-20	GR17
2	Basic Course of Entrepreneurship	H&S	2019-20	GR18
3	Programming perspective of Data structures	CSE	2019-20	GR18
4	Fundamentals of DBMS	CSE	2019-20	GR17
5	Data Science through Python	IT	2019-20	GR17
6	Object oriented programming through C++	CSE	2019-20	GR18

Industry members in academic Council stressed about the need of conducting the value added courses and advised to offer advanced courses. Other members suggested to include the courses which will be useful for UPSC exams. Advised to frame bench mark to offer these courses. Also consider the possibility of including into curriculum as and when syllabus revisions are done.

6 Introduction of new programmes

DAA explained about introduction of new programmes M.Tech in data science, B.Tech in AI & DS, B.Tech in



Agenda	Deliberations/ Resolution	Action by Whom
	<p>by JNTUH. AICTE approved M.Tech in data Science &amp; JNTUH decision is awaited. For UG programmes permission from AICTE &amp; JNTUH is awaited.</p> <p>Chairman and members approved the new programme for both PG &amp; UG to be introduced from AY 2020-21 after due approval from JNTUH. Also advised to be careful about the name of the programme to be uniform between AICTE and JNTUH approvals.</p>	
7 B.Tech Honours/Minor	<p>DAA explained about the guidelines given by AICTE in notification dated 30 Dec 2019, regarding emerging areas in engineering and awarding B.Tech Honours/Minor.</p> <p>The guidelines are as follows</p> <ul style="list-style-type: none"> <li>• The minimum credits for such courses should be in the range of 16-18 and this can be mentioned in the degree as specialization in that particular area.</li> <li>• For example, doing extra credits for Robotics in mechanical Engineering can earn B.Tech. (Hons) Mechanical Engineering with Specialization in Robotics.</li> <li>• Minor program in Emerging areas</li> </ul>	DAA

Agenda

Courses (with minimum credits in the range of 16-18) and get degree with minor from another department

Academic Council members advised to follow the procedures in premier institutes like IITs, NITs for the award of degrees like B.Tech Honours/Minor. Committee members discussed the possibility of acquiring these credits through SWAYAM/NPTEL and Value Added Courses. Academic Council approved the above and advised to take permission from JNTUH.


8. Strategic plan 2020-25

- DAA explained about the preparation of Strategic Plan 2020-25, presented the review of strategic plan 2015-20, its implementation and result.
- DAA requested the committee members to give their valuable suggestions and inputs for the preparation of 2020-25 goals and strategies.

DAA

Academic Council members advised to take inputs from all stakeholders for the preparation of Strategic plan 2020-25

S N	Agenda	Deliberations/ Resolutions	Action by Whom
9	Hackathons/ MSME projects/ Start ups, etc as mini projects	DAA explained about the need of treating Hackathons/MSME projects/Start ups, as Mini projects and award credits to encourage the students.  Academic Council members approved the above and advised to follow the procedures of other universities	DAA
10	Any other points for discussion	Chairman and members discussed about the importance of emerging courses like AI, Deep Learning etc. In the recent industry. Discussed about the possibility of applying for Deemed University State University.	DAA

  
 Member Secretary

(Dr. C. Lavanya)