Minutes of meeting of
17th Academic Council Meeting

Held on 23rd September 2022

Members present at 17ᵗʰ Academic Council meeting held on 23-09-2022

S. No	Name of the Member	Position	Signature
1	Dr. E. Sai Baba Reddy	Chairman	
2	Dr. A. Padmaja	Vice-Chairperson	
3	Dr. M. Asha Rani	(JNTU Nominee) Member	
4	Dr. A. Aruna Kumari	(JNTU Nominee) Member	
5	Dr. S. Tara Kalyani	(JNTU Nominee) Member	
6	Dr. P. Rajeshwar Reddy	Member	
7	Mrs. S. Neelima	Member	
8	Dr. Balaji Utla	Member	
9	Dr. M.V. Krishna Murthy	Member	
10	Sri. S. Niranjan Reddy	Member	
11	Dr. M. Mutha Reddy	Member	
12	Dr. G. Sreeram Reddy	Member	
13	Dr. A. Srujana	Member	
14	Dr. D. Aruna Kkumari	Member	
15	Dr. S. Thulasi Prasad	Member	
16	Dr. Pallavi Badry	Member	
17	Dr. P. Chakradhar	Member	
18	Mr. B. Srinivasulu	Member	
19	Dr. A. Obulesh	Member	
20	Dr. Laxmi Narayan	Member	
21	Dr. M. Rajendra Prasad	Member	
22	Dr. V.V. Satyanarayana	Member	
23	Dr. B.Vijayakumar	Member	
24	Mr. R. Venkata Chalam	Member	
25	Dr. P. Sarah	Special Invitee (IQAC Coordinator)	
26	Dr. D. Indira Priyadarshini	Special Invitee	
27	Mrs. P. Annapoorna	Special Invitee	
28	Dr. Anand Pandarinath	Special Invitee	
29	Mrs. Shikha Kaushal	Special Invitee	
30	Mrs. G. Srilatha	Member Secretary	

Agenda for the 17th Academic Council meeting held on 23rd September 2022

ITEM	Agenda Point
Item No. 1	To approve the minutes of 14th,15thand 16thAcademic Council.
Item No. 2	To ratify the Course Structure and Board of Studies minutes of various departments of B.Tech and MBA Programs foracademic regulation R21.
Item No. 3	To ratify the amendment made to academic regulation R21.
Item No. 4	Result analysis of B.Tech, M.Tech, and MBA
Item No. 5	To ratify the remuneration being paid to various services at Examination Branch.
Item No. 6	To ratify B.Tech with Minor and Honours programs offered by various B.Tech Programs.
Item No. 7	Analysis of Placement Statistics for 2018-2022 Batch.
Item No. 8	Approval of Academic Calendars 2022-23
Item No. 9	Ratification of Question paper pattern for B.Tech, M.B.A and M.Tech Programs
Item No. 10	Introduction of new courses and Increase in Intake into 1st Year B. Tech for 2022- 2023 academic years.
Item No. 11	Closure of M. Tech (PEED) Course.
Item No. 12	Proposals invited for grant of seed money.
Item No. 13	Approval of Academic Regulations under R22 and I year Course Structure
Item No. 14	Any other matter with the permission of the Chair.

Minutes of the 17th Academic Council meeting held on 23rd September 2022

The Chairman of the Academic Council, Dr E. Saibaba Reddy, welcomed the members and introduced Dr Aruna Kumari , New Nominee from JNTUH and also other new members added to Academic Council from VJIT.

Dr A. Padmaja, Vice-Chairperson, started the proceedings by placing the major achievements of the college before the council.

1. NIRF in Engineering Category 200 Rank, 2022
2. Atal Ranking of Institutions on Innovations Achievements (ARIIA), 2021 — Excellent Category (Rank 6-101)
3. UGC granted Autonomy (2015-16 to 2020-21) & Extension of Autonomy given in the year 2021
4. **Five Eligible** B. Tech Programs are accredited by NBA under TIER-1 and Civil Engineering Department accredited under Tier-2
5. Accredited by NAAC A+ Grade with CGPA 3.33
6. JNTUH Recognized Research Centers: ECE and EEE Departments in addition to the existing Research Centers in CSE and Mechanical.

The members of the Academic Council noted the achievements.
Item 1: To approve the minutes of 14th, 15th and 16th Academic Council Meetings
Dr Padmaja put forward the minutes of the 14th, 15th and 16th academic council meetings.

Approval of minutes of 14th Academic Council Meeting held on 4th September 2021
- Syllabi of B.Tech Courses applicable to the students admitted in Academic Year 2020-21 onwards.
- To approve question paper patterns for B.Tech courses in view of Covid conditions.
- To review the Final Year Marks of B.Tech, M.Tech and MBA
- Information Regarding the proposed Visits of UGC autonomous Committee, NBA Committee and NAAC committee.

Approval of minutes of the 15th Academic Council meeting held on 26th November 2021 (by circulation mode)
- To approve the academic regulations of R21.
- To approve the amendments to the existing academic regulations R-15

Approval of minutes of the 16th Academic Council meeting held on 4th June 2020 (by Circulation mode)
- To approve the procedure adopted for grace marks in accordance with the JNTUH proceedings JNTUH/EB/Grace marks/2021.
The above minutes were approved by the members.

Item 2: To ratify the Course Structure and Board of Studies minutes of various departments of B.Tech under R21 Academic regulations and the Course Structure and Board of Studies minutes of MBA Program under R22 Academic regulation.

Dr Padmaja appraised the committee about the course structure for B.Tech. under R21 and MBA under R22 Academic Regulations.

Annexure - 1

Dr Asha Rani, JNTUH nominee, enquired whether the distribution of credits was uniform across programs in the R21 course structure. Principal informed that the total credits are 160 and she also clarified that credits distribution is uniform across programs.

Dr Asha Rani suggested that more professional courses may be introduced as per industry need. Dr MV Krishnamurthy suggested that the electives offered by various departments can be grouped into different streams/tracks to allow B.Tech students specialize in a particular area. He ascertained this would result in more cohesive students with the required industry expertise.

Dr Asha Rani observed that the course structures of various programs, have 06 theory and 02 laboratory courses in some semesters. She suggested that more practice-oriented learning be introduced, preferably 5 Theory and 3 Laboratory courses, as suggested by AICTE.
The chairman, Dr Sai Baba Reddy, informed all the members of the Council that the Course structure followed under academic regulation R22 is premeditated to be more practice oriented.

Dr Asha Rani inquired regarding the distribution percentages of courses belonging to the various categories e.g. HS, BS, ES etc. as per AICTE.
Principal brought to the notice of the council members that we are following the course distribution as suggested by AICTE.
She also communicated that the fast-track option given to students, has improved students' placements and internships.

With the above discussion the Members ratified the points raised in the Item

Item No 3: To ratify the amendment made to academic regulation R21.
Dr A Padmaja appraised the committee regarding amendments made in academic regulation R21.

The distribution of marks is 70 in Semester end examinations (SEE) and 30 marks for continuous internal evaluation (CIE) for a theory/ practical/ design/ drawing course. To pass a course, as per Academic regulations R21 under section 7.1, a student needs to secure 35% of external marks and overall pass percentage of 40%. In this context 35% of 70, works out to

be 24.5 marks. The 15th meeting of the Academic Council of the college has approved to consider the minimum requirements as 24 marks (rounding off to lower side).

However, during the result processing committee meeting, JNTUH nominee informed to follow as per JNTUH norms i.e., 24.5 marks to be rounded off to 25 marks as followed by the University and all other Autonomous colleges.

The council approved the amendment and section 7.1 under Academic regulation R21 is henceforth read as

"A student shall be deemed to have satisfied the academic requirements an earned the credits allotted in each theory/ practical/ design/ drawing subject if student secures not less than 35% (25 marks out of 70 marks) in the Semester end examination, and a minimum of 40% (40 marks out of 100 marks) in the total of the CIE and SEE (Semester End Examination) taken to the in terms of letter grades, this implies securing C grade or above in that subject/ Course".

Annexure - 2

Item 4: Result analysis of B.Tech, M.Tech and MBA

Dr Padmaja presented the result analysis of B.Tech, M.Tech and MBA.

Academic Performance 2018-22

BRANCH	I B.Tech.		II B.Tech.		III B.Tech.		IV. B.Tech.	
	I SEM	II SEM	I SEM	II SEM	ISEM	II SEM	I SEM	II SEM
CIVIL	73.83	35.58	79.13	57.52	66.07	55.86	65.22	74.56
EEE	79.81	56.57	69.57	73.04	84.30	68.91	83.47	95.00
MECH	58.72	45.45	73.85	74.19	84.86	57.42	69.19	96.26
ECE	76.07	83.90	61.66	64.00	70.43	72.28	74.23	87.17
CSE	78.15	89.03	80.48	80.80	80.40	80.95	91.70	98.04
IT	36.36	66.67	70.18	66.67	82.46	65.45	80.70	96.55
Overall %	71.10	68.49	72.35	70.87	77.83	68.81	77.97	91.81

IV B.Tech II Semester Regular Result (June-2022) 2018-2022 Batch (R-18)

Branch	Appeared	Passed	Failed	Pass %
CIVIL	114	85	29	74.56
EEE	120	114	6	95.00
MECH	214	206	8	96.26
ECE	265	231	34	87.17
CSE	255	250	5	98.04
IT	58	56	2	96.55
All Subjects	1026	942	84	91.81

Academic Performance of the M.Tech/MBA students 2019-21

Branch	Total	Passed	Fail	Distinction	% Pass
CIVIL – SE	13	13	0	11	100.00
EEE – EPS	06	06	0	03	100.00
MEC – CAD/CAM	08	08	0	08	100.00
ECE – ES	09	09	0	09	100.00
ECE – VLSI	04	04	0	04	100.00
MBA	54	42	13	27	77.78
Total	94	82	13	62	87.24

Dr Asha Rani appreciated the performance in the examinations and stated that the result is fairly good.

The Academic Council members appreciated and noted the analysis of results.

Annexure - 3
Item 5: To ratify the remuneration of various services at Examination Branch.
Dr Padmaja presented the remuneration being paid for various services at Examination Branch.
Dr Asha Rani enquired about the viability of the financial expenditure as against the income. Principal informed the council the exam finances are well balanced.

Dr Krishnamurthy and Dr Utla Balaji suggested a periodic review of these remunerations keeping inflation, CPI, etc in view. They said although this is more of service by the academic community, remuneration paid needs to be respectable.

The Academic Council members ratified the Examination remuneration being implemented.

Annexure - 4
Item 6: To ratify Minor and Honours programs of B.Tech offered by various programs.
The Principal put forward the proposal for award of Minor and Honours B.Tech. degree program for students starting from III year I sem.

Minor Programs offered by various Departments

S. No.	Minor Program	Eligible branch of students	Offering Department	Award of Degree
1.	Construction Engineering & Management	All branches, except B.Tech. Civil Engg.	Civil Engg.	"B.Tech. in branch name with Minor in Construction Engineering & Management
2.	Robotics	All branches, except B.Tech. Mech. Engg	Mech. Engg.	"B.Tech. in branch name with Minor in Robotics
3.	Electric Vehicles	All branches, except B. Tech. EEE	EEE	"B.Tech. in branch name with Minor in Electric Vehicles

4.	Sustainable Energy	All branches, except B. Tech. EEE	EEE	"B.Tech. in branch name with Minor in Sustainable Energy
5.	IoT	All branches, except B. Tech. ECE	ECE	"B.Tech. in branch name with Minor in IOT"
6.	CSE	All branches, except B. Tech. CSE	CSE	"B.Tech. in branch name with Minor in CSE
7.	IT	All branches, except B. Tech. IT	IT	"B.Tech. in branch name with Minor in IT
8.	AI&ML	All branches, except B. Tech. AI	AI	"B.Tech. in branch name with Minor in AI&ML
9.	Business & Innovation Management (B&IM)	All branches of B.Tech.	MBA	"B.Tech. in branch name with Minor in B&IM

Honors Programs offered by various departments

S. No.	Honors Program	Eligible branch of students	Offering Department	Award of Degree
1.	Structural Engineering	B. Tech. Civil Engg.	Civil Engg.	B. Tech. (Honors) in branch name with Specialization in Structural Engineering
2.	Power Systems	B. Tech. EEE	EEE	B. Tech. (Honor) in branch name with Specialization in Power Systems
3.	CAD/ CAM	B. Tech. Mech. Engg.	Mech. Engg.	B. Tech. (Honors) in branch name with Specialization in CAD/CAM
4.	ECE	B. Tech. ECE	ECE	B. Tech. (Honors) in branch name with Specialization in ECE
5.	CSE	B. Tech. CSE	CSE	B. Tech. (Honors) in branch name with Specialization in CSE

Dr Asha Rani enquired about the laboratories for the proposed Minor and Honour degree programs. The Heads of Departments informed that establishing necessary laboratories is in progress.

Dr Asha Rani informed that the faculty offering courses for the minor degree should be paid extra remuneration. Director informed that if faculty has a load over and above stipulated workload as per AICTE, an additional amount will be paid.

Dr Asha Rani advised to specify prerequisites for all the courses introduced under the B.Tech. with Minor and Honours degree. She also suggested that hands-on experience be given through internships for the Honour degree.

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On the Minors offered by various departments Dr Krishnamurthy suggested that the courses need to be carefully selected as they are for students of other departments. Unless the students complete the required prerequisite courses, they should not be offered advanced courses. He also observed that courses offered under CSE minor are not basic courses and suggested to make appropriate changes to include courses like Data Structures, Design & Analysis of Algorithms, Operating systems, Databases and Introduction to AI. He also felt as the programs are highly interdisciplinary, faculty must be drawn from across departments for teaching. Dr Sreeram Reddy, HoD of ME, informed the council that the program was designed involving faculty from diverse fields of expertise.

Dr Balaji Utla opined that the B.Tech. with Minor degree in Electrical Vehicles, though a burning topic, is very broad which includes involvement from ECE/EEE/ME. He suggested introducing a program on ADAS (Advanced Driver Assistance System) technologies/Sensory Technologies.

Dr Krishna Murthy suggested that in the B.Tech. (CSE) minor degree, operating systems and A course on Data base be included. Dr Aruna Kumari, HoD CSE, informed that these are included as open electives. Dr Krishna Murthy suggested checking if these are prerequisites for taking this minor degree.

In case of Minor degree offered by department of IT, Dr Murthy opined that the course should be algorithms with data structures. IT department Head, informed that it is included in the curriculum. Dr Murthy opined that for the Minor degree offered by department of AI, the students should have a strong foundation in Python, Data structures, programming and algorithms. He also said the program should more practice oriented.

He concluded that the content design is good and the curriculum is balanced. He summarized that prerequisites must be specified and the curriculum should be more practice oriented.
Dr Krishna Murthy recommended that for an effective teaching learning process, teachers should be trained for these new and emerging courses. He suggested the college collaborate with leading industries for internships so that the faculty may be well equipped for teaching these emerging technologies.

Dr Krishnamurthy suggested MBA department to offer minors in Finance and Business Analytics as these are in demand. He added tie up with industry is a must and the courses should be techno centric with basic tools such as excel.

Dr Balaji Utla added that industry is looking for team players and hence courses should include organisations behaviour, etc. HoD, MBA informed the council that it is proposed to add Business analytics from the year Academic year 2022-2023.
Director appreciated the suggestions given by all the members and stated that the points will be considered in improving the Minor & Honours Courses.

Annexure - 5
With the above discussions the Council members have ratified the Minor and Honours syllabus offered by various Departments.

Item 7: Placement Statistics for 2018-2022 Batch and the 2019-2023 Batch.
Principal presented the Placement Statistics for the 2018-22 and 2019-23 Batches. The members appreciated the placements and congratulated the students for their success. Dr Krishna Murthy suggested that the placement data be presented in graphical manner for the last three years displaying trend in number of students/companies, quality of companies in view of diversity, etc. He also said IT industry is prone to ups and downs and there may be a steep decline in placements in the IT sector next year. In this regard he suggested that more number of recruiters from across companies including core and software industries be contacted. Principal noted the suggestions and said will implement in the next Academic Council meeting.

Annexure - 6
The Academic Council members have noted the Placement details for the 2018-2022 and 2019-2023 batches.
Item 8: Approval of Academic Calendars 2022-23
Principal has presented the Academic Calendar of B Tech., I, II, III and IV year for the academic year 2022-2023.
Dr Asha Rani enquired if the schedule of the semester was back to regular post covid. Principal informed that the semester is behind regular schedule by one month.

Annexure - 7
The members approved the Academic Calendars for the year 2022-2023.
Item 9: Ratification of Question paper pattern for B. Tech, M.B.A and M. Tech Programs
The Principal put forward the Question paper pattern for B.Tech, M.Tech. amd MBA programs

Annexure - 8
The council ratified the question paper pattern.
Item 10: Introduction of new programs and Increase in Intake into 1ˢᵗYear B. Tech for 2022-2023 academic year.
Principal informed that two new programs were added for the academic year 2022-23 viz.
1. Computer Science and Engineering(Artificial Intelligence & Machine Learning)
2. Artificial Intelligence & Data Science

Dr Krishna Murthy ascertained that the CSE allied programs offered are distinct and the courses would enable the students to have the expertise in that particular field.

Annexure - 9
The members of the Council noted the details of the New Courses.
Item 11: Closure of M. Tech (PEED) Course
Principal informed that the college applied for the closure of M.Tech. (PEED) program.

Annexure - 10

The members of the Academic Council noted the point.

Item 12: Proposals were invited for grant of seed money

To promote research and support the young faculty members, VJIT has called for applications under its Seed Money Grant with a provision of a financial grant of Rs 2, 00,000 per project for the year 2022-23. Principal informed that 12 applications were received and scrutinized (Annexure VI).

The members appreciated the management's initiative. Dr Asha Rani suggested to apply for external grants e.g. DST, AICTE, etc.

Principal informed that we are submitting proposals and responding to the call for proposals from the various government funding agencies. Dr Balaji Utla said being a private college, it's not easy to get funding but he encouraged to submit more proposals.

The Chairman of the Academic Council informed that to encourage the faculty towards research, this initiative has been taken up, as back ground work is also needed to apply for various Projects.

Annexure - 11

The members appreciated the initiative taken up by the Management and approved the proposal.

Item 13: To discuss on the Academic Regulations R-22 (draft copy) and I year Course Structure.

Principal presented the draft of Academic Regulation under R22 and the I year Course structure for approval.

Annexure - 12

The council approved and ratified the document pertaining to Academic Regulation R22 and also the Course Structure for I year.

Item 14: Feedback taken from stakeholders on curriculum.

Principal presented the feedback taken from stakeholders on curriculum for the academic year 2021-22. The main points observed from the stakeholders' feedback are listed as below,

- To introduce Python Programming for other than CSE branches
- To introduce programming skills to other branches using Minor and Honor Programs
- To introduce new courses in respective branches as per suggestions from stake holders

The council suggested to implement the actions to be taken after discussion on the feedback taken from stakeholders.

Item 15: Any other matter with the permission of the Chair: Nil

Dr E. Saibaba Reddy, Director and the Chairman of the Academic Council thanked all the members of the Academic Council for all their valuable inputs.

Signature of the Members

1.	2.	3.	4.
(Dr. E. Sai Baba Reddy)	(Dr. A. Padmaja)	(Dr. M. Asha Rani)	(Dr. A. Aruna Kumari)
5.	6.	7.	8.
(Dr. S. Tara Kalyani)	(Dr. P. Rajeshwar Reddy)	(Mrs. S. Neelima)	(Dr. Balaji Utla
9.	10.	11.	12.
(Dr. M.V. Krishna Murthy)	(Sri. S. Niranjan Reddy)	(Dr. M. Mutha Reddy)	(Dr. G. Sreeram Reddy)
13.	14.	15.	16.
(Dr. A. Srujana)	(Dr. D. Aruna Kumari)	(Dr. S. Thulasi Prasad)	(Dr. Pallavi Badry)
17.	18.	19.	20.
(Dr. P. Chakradhar)	(Mr. B. Srinivasulu	(Dr. A. Obulesh)	(Dr. K. Laxmi Narayan)
21.	22.	23.	24.
(Dr. M. Rajendra Prasad)	(Dr. V.V. Satyanarayana)	(Dr. B. Vijaya Kumar)	(Mr. R. Venkata Chalam)
25.	26.	27.	28.
(Dr. P. Sarah)	(Dr. D. Indirapriya Darshini)	(Mrs. P. Annapoorna)	(Dr. Anand Pandarinath)
29.	30.		
(Mrs. Shikha Kaushal)	(Mr. G. Srilatha)		