VEERMATA JIJABAI TECHNOLOGICAL INSTITUTE

MATUNGA, MUMBAI 400 019

Minutes of Meeting of 22nd Meeting of the

ACADEMIC COUNCIL

Held on

MONDAY, 14th AUGUST, 2023 AT 03.00 PM

at

Civil Seminar Hall, VJTI

VJTI Mumbai, Mumbai 400019

Agenda for 22nd Meeting of the ACADEMIC COUNCIL to be held on Monday , 14th August 2023 AT 03.00 PM at Civil Department Seminar Hall VJTI Mumbai, Mumbai 400019.	
Item No.	**Item Description**
1.	Confirmation of minutes of 21st Academic Council meeting held on 12th April, 2023.

2.	Matters Related to Academic Affairs
	
	  i. Presentation on revised curriculum for B.Tech Programme (First Year starting from AY 2023-24).
	
	  ii. Presentation on revised curriculum for M.Tech NIMS & Software Engineering Programme.
	
	  iii. Approval for Academic Calendar for AY 2023-24.

3.	Matters Related to Ph.D. Affairs i. Approval of Ph.D admission brochure for AY 2023-24.
4.	Any other matter with the permission of chair.

Dean Academic Prgramme
Member Secretary

Twenty Second Meeting of Academic Council was held on **Mond**ay, 14th August 2023 AT 03.00 PM at Civil Seminar Hall, VJTI. Following members were present:

1.	Dr.S.D. Kore, Director & Chairman	10.	Dr. M.R Shirole, Head Computer and IT Department
2.	Dr. K. K. Sangle, Dean Academics &Member secretary	11.	Dr. Sujatha. P, Head Technical & Applied Chemistry Department
3.	Dr. S. P. Borkar, Dean Administration Faculty & Staff Development, Professor Textile Technology Department	12.	Prof Swati Chopade, Head MCA Department
4.	Dr. A.N Bambole, Dean I&M, Professor, Structural Engineering Department	13.	Dr. D.S Wawal, Professor, Physics Department .
5.	Dr. A.S Wayal, Head Civil Engineering Department	14.	Dr. D.N Raut, Professor, Production Engineering Department
6	Dr. W.S Rathod, Head Mechanical Engineering Department	15.	Dr N.P Gulhane, TPO, (Invitee)
7.	Dr. R.N Awale, I/C Head Electrical Engineering Department	16.	Dr J.G Solanki , Assitant Professor Structural Engineering department
8.	Dr. A.L.Bhongade, Head Textile Technology Department	17.	Prof Kishor Borse, Assistant Professor, Humanities and Social Science Department (Invitee)
9.	Dr. D. K Shinde, Head Production Engineering Department	18.	Prof Nishiganda Kurade, Assistant Professor, Mathematics Department (Invitee)

Following members were given leave of absence

1.	Dr. D. N. Badodkar ,External Expert, BARC	5.	Dr. G Sivakumar, External Expert, IITB
2.	Dr. Shubha Pandit, Principal K.J SmaiyaCollege of Engineering, Nominee of Mumbai University	6.	Dr. S.G Bhirud, Dy. Director and Professor Computer and IT Department
3.	Dr. Prachi U Gharpure, External Expert	7.	Dr. B.B. Meshram, Professor, Computer and IT Department
4.	Dr. Deepankar Choudhury, External Expert, IITB	8.	Dr. Faruk Kazi, Dean R&DC, Professor Electrical Engineering Department

The Dean Academic Programme informed the Academic Council that Dr. S.D. Kore took over the charge of Director of VJTI from 27th June 2023 and also requested to Chair the Academic Council as a Director of the Institute. Dean Academic Programme and members of the Academic Council welcomed Dr S.D. Kore as a new Chairman of the Academic Council. Dr. S.D Kore thanked all the members of the academic council and said that he is very happy to join this Institute as Director and we will work together to get recognition for this Institute at national and international level in Academic and Research. Academic council expressed thanks to Prof S.G Bhirud, Dy. Director and Past Chairman appreciated for his services as Chairman of Academic Council.

The Chairman, Academic Council welcomed all the members of the Academic Council.

Item No 1	Confirmation of minutes of 21st Academic Council meeting held on 12th April 2023
Minutes of 21st Meeting of the Academic Council held on 12th April 2023 were confirmed.	

Item No 2	Matters Related to Academic Affairs

i) Presentation on revised curriculum for B.Tech Programme (First Year starting from AY 2023-24)

The scheme for first and second semester for all B.Tech Programmes in line with NEP 2020 to be implemented from academic year 2023-24 are presented by the Dean Academic Programme . After discussion and deliberations, the scheme for first and second semester is finalised as follows.

Scheme for B.Tech Programme in Civil, Mechanical, Production, Textile and Electrical Engineering (Level 4.5- UG Certificate) -Semester - I

Sr.	Course Type	Course Code	Course Name	L	T	P	Hr	Cr	Examination Weightage in %		
									TA	MST	ESE
1	BSC	R5PH1011T	Physics	2	1	0	3	3	20	20	60
2	BSC	R5PH1011L	Physics – Laboratory	0	0	2	2	1	ISCE :60		40
3	BSC	R5MA1011T	Mathematics-I	2	1	0	3	3	20	20	60
4	ESC	R5ME1001T	Engineering Graphics	2	0	0	2	2	20	20	60
5	ESC	R5ME1001L	Engineering Graphics Laboratory	0	0	2	2	1	ISCE: 60		40
6	ESC	R5--1021T	From respective branch	3	0	0	3	3	20	20	60
7	ESC	R5--1022T	From respective branch	3	0	0	3	3	20	20	60
8	ESC	R5--1023L	From respective branch	0	0	2	2	1	ISCE :60		40
9	VSEC	R5--1024L	Skill Enhancement Course (Design Thinking and Idea Lab)	0	0	3	3	1.5	ISCE :60		40
10	AEC	R5HS1001L	Ability Enhancement Course (Business & Technical Communication)	1	0	2	3	2	ISCE :60		40
11	CC1	R5--1025L	Sports /Yoga/ NSS/NCC/Cocurricular and Extracurricular activities	0	0	3	3	1.5	ISCE:100		
			Total	14	0	16	29	22			

Scheme for B.Tech Programme in Civil, Mechanical, Production, Textile and Electrical Engineering (Level 4.5- UG Certificate) -Semester - II

Sr.	Course Type	Course Code	Course Name	L	T	P	Hr	Cr	Examination Weightage in %		
									TA	MST	ESE
1	BSC	R5CH1011T	Chemistry	2	1	0	3	3	20	20	60
2	BSC	R5CH1011L	Chemistry – Laboratory	0	0	2	2	1	ISCE :60		40
3	BSC	R5MA1012T	Mathematics-II	2	1	0	3	3	20	20	60
4	BSC	R5--1026T	From respective branch	2	0	0	2	2	20	20	60
5	ESC	R5SE1001T	Engineering Mechanics	2	0	0	2	2	20	20	60
6	ESC	R5SE1001L	Engineering Mechanics Laboratory	0	0	2	2	1	ISCE: 60		40
7	ESC	R5CE1001T	Programming for Problem Solving	2	0	0	2	2	20	20	60
8	ESC	R5CE1001L	Programming for Problem Solving Laboratory	0	0	2	2	1	ISCE :60		40
9	PCC	R5--1027T	From respective branch	2	0	0	2	2	20	20	60
10	VSEC	R5--1028L	Department Specific Workshop	0	0	3	3	1.5	ISCE :100		
11	IKS	R5--1029T	From respective branch	2	0	0	2	2	20	20	60
									Or Credit Transfer		
12	CC2	R5--1030L	Sports /Yoga/ NSS/NCC/Cocurricular and Extracurricular activities	0	0	3	3	1.5	ISCE:100		
			Total	15	0	14	28	22			

Scheme for B.Tech Programme in Electronics, Electronics and Telecommunication, Computer and Information Technology (Level 4.5- UG Certificate) -Semester - I

Sr.	Course Type	Course Code	Course Name	L	T	P	Hr	Cr	Examination Weightage in %		
									TA	MST	ESE
1	BSC	R5CH1011T	Chemistry	2	1	0	3	3	20	20	60
2	BSC	R5CH1011L	Chemistry – Laboratory	0	0	2	2	1	ISCE :60		40
3	BSC	R5MA1012T	Mathematics-I	2	1	0	3	3	20	20	60
4	BSC	R5--1026T	From respective branch	2	0	0	2	2	20	20	60
5	ESC	R5SE1001T	Engineering Mechanics	2	0	0	2	2	20	20	60
6	ESC	R5SE1001L	Engineering Mechanics Laboratory	0	0	2	2	1	ISCE: 60		40
7	ESC	R5CE1001T	Programming for Problem Solving	2	0	0	2	2	20	20	60
8	ESC	R5CE1001L	Programming for Problem Solving Laboratory	0	0	2	2	1	ISCE :60		40
9	PCC	R5--1027T	From respective branch	2	0	0	2	2	20	20	60
10	VSEC	R5--1028L	Department Specific Workshop	0	0	3	3	1.5	ISCE :100		
11	IKS	R5--1029T	From respective branch	2	0	0	2	2	20	20	60
									Or Credit Transfer		
12	CC2	R5--1030L	Sports /Yoga/ NSS/NCC/Cocurricular and Extracurricular activities	0	0	3	3	1.5	ISCE:100		
			Total	15	0	14	28	22			

Scheme for B.Tech Programme in Electronics, Electronics and Telecommunication, Computer and Information Technology (Level 4.5- UG Certificate) -Semester - II

Sr.	Course Type	Course Code	Course Name	L	T	P	Hr	Cr	Examination Weightage in %		
									TA	MST	ESE
1	BSC	R5PH1011T	Physics	2	1	0	3	3	20	20	60
2	BSC	R5PH1011L	Physics – Laboratory	0	0	2	2	1	ISCE :60		40
3	BSC	R5MA1011T	Mathematics-I	2	1	0	3	3	20	20	60
4	ESC	R5ME1001T	Engineering Graphics	2	0	0	2	2	20	20	60
5	ESC	R5ME1001L	Engineering Graphics Laboratory	0	0	2	2	1	ISCE: 60		40
6	ESC	R5--1021T	From respective branch	3	0	0	3	3	20	20	60
7	ESC	R5--1022T	From respective branch	3	0	0	3	3	20	20	60
8	ESC	R5--1023L	From respective branch	0	0	2	2	1	ISCE :60		40
9	VSEC	R5--1024L	Skill Enhancement Course (Design Thinking and Idea Lab)	0	0	3	3	1.5	ISCE :60		40
10	AEC	R5HS1001L	Ability Enhancement Course (Business & Technical Communication)	1	0	2	3	2	ISCE :60		40
11	CC1	R5--1025L	Sports /Yoga/ NSS/NCC/Cocurricular and Extracurricular activities	0	0	3	3	1.5	ISCE:100		
			Total	14	0	16	29	22			

Course contents of the department specific courses of first and second semester of first year, as per above mentioned scheme are presented by the respective Head of Department. Course content of common courses and laboratories such as Mathematics-I and II, Physics, Chemistry, Engineering Mechanics, Engineering Graphics, Business & Technical Communication, Programming for Problem Solving are presented by the faculty members/head of the respective departments.

After deliberation and discussion, the Academic Council approved curriculum, scheme of instruction and evaluation subject to changes/suggestion if any suggested/given by respective Board of Studies. Academic council resolved that for common courses, course contents will be sent to one or two expert Professors of respective expertise from IIT/NIT/ICT to review the course contents and suggest the changes if any. It is decided that course content for common subjects will be either common for all branches or at the most it will separate for Circuit (Computer, IT, EXTC, Electronics, Electrical) and Non circuit (Mechanical, Civil, Production and Textile Technology) branches. The Academic Council suggested that respective departments and professors will take care that the described course content shall get finished within given theory and practical contact hours.

The Academic Council authorised Chairman Academic Council to approve the course contents after incorporating the suggestions if any given by the respective Department BoS and expert Professors from IIT/NIT/ICT.

ii) Presentation on revised curriculum for M.Tech NIMS & Software Engineering Programme

In the previous Academic Council, the Head of the Computer and IT department has not presented the revised curriculum for M.Tech programmes of NIMS & Software Engineering as there was no admission to these programs. The Academic Council instructed the HoD computer and IT department, to present the curriculum in next academic council because though there is no admission for AY 2022-23 but it is necessary to have revised curriculum available for students' taking admission in AY 2023-24 onwards. Accordingly, proposals for implementation of revised scheme and course contents for M.Tech NIMS & Software Engineering Programme to be implemented from academic year 2022-23 are presented by the Head of Computer and IT Department.

After deliberation and discussion, the Academic Council approved curriculum, scheme of instruction and evaluation subject to changes to align proposals to standard template (including max theory hours, maximum lab hours, maximum credit courses, total maximum credits, etc.) and implementation of minor suggestions given in curriculum by academic council members.

The Academic Council authorised the Chairman Academic Council to approve the course contents after incorporating the suggestions/ minor changes given by the Academic Council.

ii) Approval for Academic Calendar for AY 2023-24.:

Academic Calendar for odd semester of AY 2023-24 for B.Tech, MTech, MCA and Ph.D Programme is presented by Dean Academic Programme.

After discussion and deliberation, the Academic Council approved Academic Calendar (As Attached in Annexure-I) for odd semester of AY 2023-24 for B.Tech, MTech, MCA and Ph.D Programme.

Item No 3	Matters related to Ph.D affairs

i) Approval of Ph.D admission brochure for AY 2023-24.

Dean Academic Programme presented the Ph.D Admission Brochure for AY 2023-24 and briefed about the following major two changes as per UGC guidelines of Ph.D admissions released in November 2022.

(1) As per revised UGC norms Ph.D admission based on UG qualification is permitted. Earlier PG degree was mandatory. Now UG qualified students with exceptional academic record can directly take admission to PhD program.

(2) Faculty who are going to retire/superannuate within next 3 years can't take new PhD students as

guide. However, he/she may work as Co -Guide.

After deliberation and discussion, the Academic Council approved Ph.D admission brochure for AY 2023-24 (Presented as Annexure-II). 2023-24 (Presented as Annexure-II).

Item No 4	Any other matter with permission of Chair
i)	No other Matter Discussed in the meeting.

The meeting is ended with thanks to Chair.

Dean Academic Progarmme
Member Secretary

Director
Chairman