Shri G.S. Institute of Technology & Science, Indore
Department of Computer Engineering

MINUTES OF MEETING OF **DPAQIC (DEPARTMENTAL PROGRAM ASSURANCE AND QUALITY IMPROVEMENT COMMITTEE)** IN COMPUTER ENGINEERING

Date: 16/05/2023

A meeting of the DPAQIC (Departmental Program Assurance and Quality Improvement Committee) in Computer Engineering was held on Tuesday, 16/05/2023 at 3:00 PM in hybrid mode.

Following were present:

1.	Dr. Vandan Tewari (HoD, Dept. of Comp. Engg.)	Chairperson
2.	Mr. V. R. Sathe, IT Consultant, Indore	Member, External Expert
3.	Dr. Vrinda Tokekar, Prof.& Head, Dept. of IT, IET, DAVV, Indore	Member, External Expert
4.	Prof. S.V. Charhate, Professor, E&TC Deptt.	Member, Senior Professor from other department
5.	Prof. D.A. Mehta , Professor, Dept. of Comp. Engg.	Member, Senior Professor from the department
6.	Dr. Urjita Thakar, Professor, Dept. of Comp. Engg.	Invitee
7.	Dr. Anuradha Purohit, Professor, Dept. of Comp. Engg.	Invitee
8.	Mr. Surendra Gupta, Associate Professor, Dept. of Comp. Engg.	Invitee
9.	Mr. Rajesh Dhakad, Associate Professor, Dept. of Comp. Engg.	Invitee
10.	Ms. Neha Mehra, Assistant Professor, Dept. of Comp. Engg.	Invitee

Following member could not attend the meeting:

1.	Dr. Vahida Attar, Prof. & Head, CSE& IT, COEP, Pune	Member, External Expert

Following are the deliberations of meeting:

The meeting started with discussion on the Vision and Mission of the Institute and the department. POs, PEOs and PSOs of UG and PG programs were also read. As per the

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suggestion of external expert, the word 'strong' was deleted from the Vision statement. The agenda of the meeting was discussed next.

Item 1: Presenting Action Taken Report for last DPAQIC Meeting held on 9th December, 2022

The actions taken on the recommendations made by the DPAQIC in the meeting held on 9th December, 2022 were presented which are as follows:

- The recommendations of DPAQIC (held on 09.12.2022) were discussed in the meeting of Board of Studies of Department of Computer Engineering. The same recommendations were given by the BoS and subsequently Academic Council of the institute approved these recommendations in its meeting held on 05/04/23.
- Department has taken financial approval for electrification and networking of IoT lab. This lab will also facilitate the students to work with laptops.
- Under Adjunct Professors scheme of AICTE, department has recommended names of two eminent Professors for their appointment as adjunct Professors for meeting the faculty deficit.

Item 2: To review academic processes in the department in light of increased intake

- The physical and computing resources requirements to ensure effective teaching learning were discussed. A table containing information about the current availability and incremental requirement in subsequent years is given in Annexure-1.
- The members expressed serious concern about the inadequacy of labs and computing resources to cater to the increased strength of students.
- The members suggested to prepare additional labs, big enough to provide space to the students to work on their Laptops.
- Members also suggested to invite visiting faculty from nearby industries, and other experts. The honorarium of such visiting faculty/expert should be Rs. 3000/- to 5000/- per hour to attract experienced and well qualified experts, but in no case it should be less than Rs. 1500/- per hour.

The members emphasized that unless the infrastructure is not strong enough to take care of the increased intake, the increase in intake should be withheld or suspended till all resource requirements are met.

Item 3: To review the development of faculty and lab staff in last six months
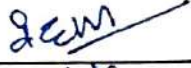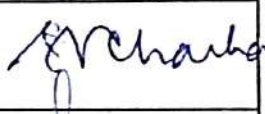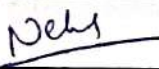
All the member expressed satisfaction on the measures taken for development of faculty and staff.

Item 4: Any other with the permission of Chair

No other matter was discussed under this item.

The meeting ended with thanks to the Chair.

Signatures of Members:

1.	Dr. Vandan Tewari (HoD, Dept. of Comp. Engg.)	Chairperson	
2.	Mr. V. R. Sathe, IT Consultant, Indore	Member, External Expert	
3.	Prof. S.V. Charhate, Professor, E&TC Deptt.	Member, Senior Professor from other department	
4.	Prof. D.A. Mehta , Professor, Dept. of Comp. Engg.	Member, Senior Professor from the deptt.	
5.	Dr. Urjita Thakar, Professor, Dept. of Comp. Engg.	Invitee	
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8.	Ms. Neha Mehra, Assistant Professor, Dept. of Comp. Engg.	Invitee	

Annexure-1

Human Resource requirements, with an increased strength of approx. 200 students.

S.No	Head	Current Available Human Resources	Required Human Resources (June 2023) for Intake of UG+PG Students=438 (180+120+120+18)	Deficit (June 2023)	Required Human Resources (June 2024) for Intake of UG+PG Students=498 (180+180+120+18)	Deficit (June 2024)*	Required Resources (June 2025) for Intake of UG+PG Student=558 (180+180+180+18)	Deficit (June 2025)*
1	Faculty Members	4 Professors, 2 Asso. Prof. 2 Asst. Prof. 8 Asst. Prof.(on Contract) TOTAL: 16	28	12 Faculty Members	33	17 Faculty Members	36	20 Faculty Members
			If three sections are made for II B.Tech. (60 students per section), Required faculty: 31	15 Faculty Members	If three sections are made for II and III B.Tech. (60 students per section), Required faculty : 38$	22 Faculty Members	If three sections are made for II, III, IV B.Tech. (60 students per section), Required faculty : 39	23 Faculty Members
2	Lab Staff	3 Regular, 2 Outsourced	07	02	09$	04	11+1=12	06+1=07
3	Auxiliary Staff	Clerk:01, Peon:03	Clerk:01, Peon:04	01 Peon	Clerk:01, Peon:05	02 Peons	Clerk:01, Peon:06	03 Peons

*If recruitments not done in the preceding year(s).

Note: Faculty requirement has been calculated as per SFR of 20:1 (for II-IV Yr. B.Tech. and PG) plus 04 faculty for I Year B. Tech. Also, it is calculated without considering proportionate load of faculty, cadre-wise.

Infrastructure requirements, with an increased strength of approx. 200 students.

Sr. No	Head	Currently available Resources	Required Resources (June 2023) for Intake of UG+PG Students=438 (180+120+120+18)	Deficit (June 2023)	Required Resources (June 2024) for Intake of UG+PG Students=498 (180+180+120+18)	Deficit (June 2024)	Required Resources (June 2025) for Intake of UG+PG Students=558 (180+180+180+18)	Deficit (June 2025)**
1.	Labs with computers	5	7	2	9	4	9	-
2.	Labs without Computers	2	2(with 50% Computers)	-	2(with 50% Computers)	-	2(with 50% Computers)	-
3.	Classrooms and Tutorial Rooms	(LT201, LT301, PG Classroom, Tutorial Room with strength of 75)-total 03 (UG)+01(PG)	•3 UG, 1 PG class room + 2 Tutorial Room • UG (100 Students)	1 UG Class room+1 Tutorial room	4 UG, 1 PG Class room + 2 Tutorial room	2 UG Class rooms + 1 Tutorial room	4 UG Class rooms + 2 Tutorial rooms	2 UG Class rooms + 1 Tutorial room
4.	Faculty cabins /seating space	16 rooms :8 with single occupancy + 8 with double occupancy	20 rooms :12 with single occupancy + 10 with double occupancy	Seating space for 06 faculty	24 rooms: 14 with single occupancy +10 with double occupancy	Seating space for 10 faculty	26 rooms: 16 with single occupancy + 10 with double occupancy	Seating space for 12 faculty

* If the deficit of June 2023 not met.

** If the deficit of June 2023 & 2024 not met.

Computing Resources requirements, with an increased strength of 200 students.

S. No	Head	Current available Resources	Required Resources (June 2023) for Intake of UG+PG Students=438 (180+120+120+18)	Deficit (June 2023)	Required Resources (June 2024) for Intake of UG+PG Students=498 (180+180+120+18)	Deficit * (June-2024)	Required Resources (June 2025) for Intake of UG+PG Students=558 (180+180+180+18)	Deficit (June 2025)*
1.	Computer Systems	Total working computers: 155 Approximately 65 computers are more than 12 years old	318	163	378	223	378	223
2.	Laptops (for Mobile Computing Lab) & for conduction of lects/labs/presentations	04	10	6	11	7	12 (04 old Laptops to be written off)	12
3.	Servers	2	4	2	4	NIL	4 (1 old Server to be written off)	1
4.	Printers & other I/O Devices	10	15	5	20	5	20	20
5.	Networking Devices	16	14	5	20	5	20	-

* If the deficit not met in preceding years.