

Shri G.S. Institute of Technology & Science, Indore

Department of Computer Engineering

MINUTES OF MEETING OF DPAQIC (DEPARTMENTAL PROGRAM ASSESMENT & QUALITY IMPROVEMENT COMMITTEE) IN COMPUTER ENGINEERING

Date: 28/05/24

A meeting of the DPAQIC (Departmental Program Assessment & Quality Improvement Committee) in Computer Engineering was held on Tuesday, 28/05/24 at 3 pm in hybrid mode with a Google meet link shared with online participants.

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. Namita Mittal, Head, Comp. Engg. ,MNIT, Jaipur	Member, External Expert
4.	Prof. ArunParakh, Professor, Deptt. of Elec. Engg.	Member, Senior Professor from other department
5.	Prof. D.A. Mehta , Professor, Deptt. of Comp. Engg.	Member, Senior Professor from the department
6.	Dr. UrjitaThakar, Professor, Deptt. of Comp. Engg.	Member, Senior Professor from the department
7.	Dr. AnuradhaPurohit, Professor, Deptt. of Comp. Engg.	Invitee
8.	Mr. Surendra Gupta, Associate Professor, Deptt. of Comp. Engg.	Invitee
9.	Mr. Rajesh Dhakad, Associate Professor, Deptt. of Comp. Engg.	Invitee
10.	Ms. Neha Mehra, Assistant Professor, Deptt. of Comp. Engg.	Invitee
11.	Ms. Priyanka Bamne, Assistant Professor, Deptt. of Comp. Engg.	Invitee

Dr. Maya Ingle, External Expert could not attend the meeting.

Following are the deliberations of meeting:

The meeting started with presenting Vision and Mission of the Institute and the department. The agenda of the meeting was discussed next.

Item 1: Presenting Action Taken Report for last DPAQIC Meeting held on 9th January, 2024

The actions taken on the recommendations made by the DPAQIC in the meeting held on 9th January, 2024 were presented which are as follows:

V.R.S. *Dr. V.R. Sathe* *Dr. Namita Mittal* *Dr. Arun Parakh* *Dr. D.A. Mehta* *Dr. Urjita Thakar* *Dr. Anuradha Purohit* *Dr. Surendra Gupta* *Dr. Rajesh Dhakad* *Ms. Neha Mehra* *Ms. Priyanka Bamne*

- The recommendations of DPQAIC (held on 09.01.2024) were discussed in the meeting of Board of Studies. The same recommendations were given by the BoS and subsequently Standing Committee of the institute approved these recommendations in its meeting held on 16/02/24.
- It was reported that a new lab (with 40 nodes and server) has been donated by our Alumnus Sh. Pankaj Malviya. This lab will facilitate the students to work in areas of Machine Learning and AI.
- It was reported that more automatic evaluation methods such as Code runner were used in evaluation as per suggestion of the experts. Further, some teaching load was shared by Alumni and Industry experts to meet the shortage of faculty members. It was suggested by the members that quantitative data with reference to usage of automatic evaluation methods should also be presented to see the efficacy of these methods.
- It was reported that the salary of Assistant Professors on contract has been revised in the last GB meeting from 30K pm to 45K pm for non-Ph.D. candidates and 35K to 50K for Ph.D. holder candidates.

Item 2: To discuss the performance of department on various criteria in NAAC

- The feedback of passing out students was presented where strengths, weaknesses and suggestions of students were presented. Committee recommended that attention be paid to eliminate the lacunas stated by the students in their feedbacks, by taking help from administration.
- The data for placement of year (2023-24) was presented (Given as Table A1 in Annexure -1). It was reported that around 82% of students were placed
- The data related to NPTEL courses completed by students was presented (Given as Table A2 in Annexure-1). It was reported that all students could complete the courses offered.
- Student achievements were presented. including that of sports achievements.
- Data for students qualifying GATE-24 was presented. (Given as Table A3 in Annexure-1)

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- Student mentorship data was presented and Committee expressed satisfaction on the mechanism followed for the mentorship.

Item 3: To discuss about issues related to resources in the department

- 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-2**.
- The members expressed serious concern over the inadequacy of labs and computing resources to cater to the increased strength of students.

The committee recommended that till the number of faculty members, staff members and other resources are not increased to requisite level, the intake should be reduced to 60 seats per year. This will help in ensuring quality of teaching and learning.

Item 4: To review the development of faculty and Lab Staff in last six months

- Data related to trainings taken by Faculty members was presented (Given as Table A4 in Annexure-1). Members expressed satisfaction on the measures taken for Faculty development.

Committee recommended that Lab staff should be asked to upgrade themselves to be able to operate and handle the lab. Also it was suggested that a mechanism should be developed for taking feedback of Lab staff similar to teaching faculty.

Item 5: Any other with the permission of Chair

Under this item, it was discussed whether A&B semester scheme can be run in parallel in each semester (i.e. one section can be taught Sem 'A' (Group 'A') subjects and the other section can be taught Sem 'B' (Group 'B') subjects in odd semester and vice-versa in even semester. Members were of opinion that the pros and cons should be evaluated but this is an accepted model and can be implemented.

The meeting ended with thanks to the Chair.

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Signatures of Members:

1.	Dr. Vandan Tewari (HoD, Dept. of Comp. Engg.)	Chairperson	<u>VTM</u>
2.	Mr. V. R. Sathe, IT Consultant, Indore	Member, External Expert	<u>V.R. Sathe</u>
3.	Dr. Namita Mittal, Head, Comp. Engg. MNIT, Jaipur	Member, External Expert	Attended online
4.	Prof. Arun Parakh, Professor, Deptt. of Elec. Engg.	Member, Senior Professor from other department	<u>AP</u>
5.	Prof. D.A. Mehta, Professor, Deptt. of Comp. Engg.	Member, Senior Professor from the department	<u>DA Mehta</u>
6.	Dr. Urjita Thakar, Professor, Deptt. of Comp. Engg.	Member, Senior Professor from the department	<u>U Thakar</u>
7.	Dr. Anuradha Purohit, Professor, Deptt. of Comp. Engg.	Invitee	<u>APurohit</u>
8.	Mr. Surendra Gupta, Associate Professor, Deptt. of Comp. Engg.	Invitee	<u>S Gupta</u>
9.	Mr. Rajesh Dhakad, Associate Professor, Deptt. of Comp. Engg.	Invitee	<u>R Dhakad</u>
10.	Ms. Neha Mehra, Assistant Professor, Deptt. of Comp. Engg.	Invitee	Attended online
11.	Ms. Priyanka Bamne, Assistant Professor, Deptt. of Comp. Engg.	Invitee	<u>P Bamne</u>

VRS VT DA U Thakar AP APurohit S Gupta R Dhakad P Bamne

Table A1: Data for placement of year (2023-24)

Highest CTC	INR 24.00 LPA
Average CTC	INR 11.78 LPA
Min CTC	INR 4.50 LPA
Median CTC	INR 8.25 LPA
Total No. of Students	107
Total No. of Registered Students	93
Total No. of Eligible Registered Students	76
Total No. of Placed Students	62

Table A2: Data for NPTEL courses completed by students in year (2023-24)

IV YEAR SEM B				
S.No.	Name of Course	Subject code	No. of Enrolled Students	Pass Status
1	Data Mining	CO44708	101	ALL
2	Introduction to Soft computing	CO44609	101	ALL
3	Cloud Computing	CO44243	14	ALL
4	Natural Language Processing	CO44309	3	ALL
III YEAR SEM B				
1	Data Analytics	CO34601	107	ALL

Table A3: Data for GATE Qualified students in year 2024

Name	Roll No.	All India Rank
Priyanshu Sharma	0801CS191066	2
Abhijeet Chouhan	0801CS201004	57
Aditya Goyal	0801CS211008	700
Pujan Parekh	0801CS211070	2416
Parth Gupta	0801EE211064	3438
Sooyash Jaju	CS24S63017148	5878
Anishiddha Suryawanshi	0801CS211017	5943
Ashwin Parmar	0801CS201023	8079

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With an increased strength of 180 students, these are the Human Resource requirements:

S.No	HEAD	Current Resources	Required Resources	Deficit
1.	FACULTY MEMBERS	4 Professors, 2 Asso. Professors, 2 Assistant Professors 10 Assistant Professors(on Contract) TOTAL: 18	25 (As per SFR of 20:1) + 5(I Year) Total : 25+5=30 Intake of UG+PG Students (180+180+120+18=498)	12 Faculty Members
			Currently two sections are running for II B. Tech. and Forthcoming semester will have two sections for III B. Tech. (90 students per section) Required faculty : 30	12 Faculty Members
		*This is without considering proportionate load of Faculty post wise		
2.	Lab Staff	3 Regular*(One retiring in Oct24 , 2 Contract)	07	03
3.	Auxiliary Staff	Clerk:01, Peon:03	01, Peon:04	01 Peon

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With an increased strength of 180 students, these are the Computing Resource requirements:

S.No	HEAD	Current Resources	Required Resources	Deficit
1.	Computers	Total working computers: 140 Approximately 65 computers are more than 13 years old	250+20= 270	130
2.	Labs with computers	05	08	03
3.	Classrooms and Tutorial Rooms	(LT201,LT301, PG Classroom, R213, Tutorial Room with strength of 75) total 03 (UG)+01(PG)	02 classrooms with capacity of 100 , 02 classrooms with capacity of 120 and Audio visual facilities/smartboards and PA system in all classrooms and tutorial rooms	01(UG,100)+ 01 Tutorial Room(60)
4.	Faculty Members Seating	16 Faculty rooms with 8 single occupancy and 8 double occupancy	20 rooms with single occupancy+ 8 with double occupancy	Seating for 12

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