

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on
15-06-2024 from 4.00 PM onwards at IT OBE LAB 1.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. Manas Roy
5. Prof. Prabal Kr. Sahu
6. Prof. Keramat Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. Sandip Chakaborty
10. Ram Prasad Chakraborty
11. Mr. Santanu Goswami
12. Mr. Rupak Kr. Ghosh
13. Mr. Debajyoti Saha
14. Mr. Basudev Chakraborty

Agenda of the meeting

The agenda of the meeting are as follows:

1. Course file preparation.
2. Discussion on CO, PO attainment.
3. Progress of B.Tech Projects (Standing agenda).
4. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
5. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
6. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

1) Course file content and preparation process is discussed by Dr. Dinesh Kumar Pradhan sir. Course file for

Year 21-22 (Even sem),

Year 22-23 (Odd sem and Even sem),

Year 23-24 (Odd sem and Even sem),

Year 24-25 (Odd sem and Even sem)

should be maintained by individual faculty members in different folders.

The meeting ends with a vote of thanks to the chair.



Dr. Suman Bhattacharjee

HOD-IT



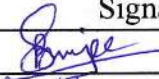

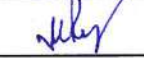
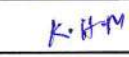


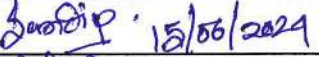

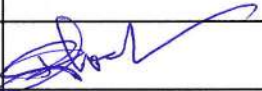
Dr. Moumita Pradhan

Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental meeting held on 15.06.2024 at 11.30 AM OBE LAB 1.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	
2	Prof. Prabal Kumar Sahu	
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	
6	Dr. Dinesh K Pradhan	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	 Sandip 15/06/2024
10	Prof. Ram Prasad Chakraborty	 Ram Prasad 15/6/2024
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on 22-07-2024 from 4.30 PM onwards at HoD Conference room.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. Manas Roy
5. Prof. Prabal Kr. Sahu
6. Prof. Keramot Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. Sandip Chakaborty
10. Ram Prasad Chakraborty
11. Mr. Santanu Goswami
12. Mr. Rupak Kr. Ghosh
13. Mr. Debajyoti Saha
14. Mr. Basudev Chakraborty

Agenda of the meeting

1. Result analysis of 2023-24 academic years.
2. Formation of BOS (Board of studies) for autonomy.
3. NAAC data collection.
4. NBA document collection.
5. Progress of B.Tech Projects (Standing agenda).
6. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
7. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
8. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

1. Result analysis report should be checked (After 2021-22 academic year) by Prof. Priyanka Roy and Prof. Sandip Chakaborty. Backlog clearance should be checked.

2. BOS (Board of studies) members for the IT department have been nominated in the meeting. All department members are members of the BOS along with HoD Sir, as chairman. Professor (Dr.) Subrata Nandi and Associate Professor (Dr.) Prasenjit Choudhury, both are communicated as expert person.

Industrial expert and post graduate alumni names are suggested as like Rohan Chettri , Ruchika (communicate by Priyanka Roy), Durgesh Nandini (communicate by Dr. Dinesh Kumar Pradhan), Aparajita (communicate by Keramot Hussain), Sayan Choudhuri (communicate by Dr. Dinesh Kumar Pradhan), Ratnadip Debnath (communicate by Dr. Dinesh Kumar Pradhan) etc.

3) Mentoring of students should be maintained along with signature for academic year (2023-24) (for both even and odd semesters).

4) Role goal for each faculty members needs to be presented in front of the college authority using power point presentation.

5) Prof. (Dr.) Dinesh Kumar Pradhan has been nominated as the departmental project coordinator.

6) Class advisors are nominated as follows : (Dr.) Moumita Pradhan for 2nd year, (Dr.) Dinesh Kumar Pradhan for 3rd year, Mr. Keramot Hossain Mondal for 4th year students.



Dr. Suman Bhattacharjee
HOD-IT

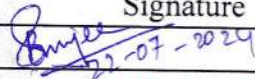

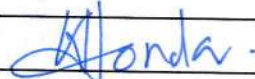
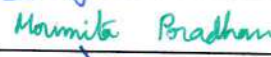



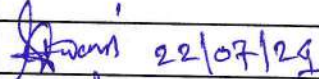

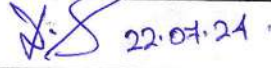


Dr. Moumita Pradhan
Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental meeting held on 22.07.2024 at 4.30PM OBE LAB 1.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	 22-07-2024
2	Prof. Prabal Kumar Sahu	 22/07/24
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	 Moumita Pradhan
6	Dr. Dinesh K Pradhan	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	 22/7/24
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	 22/07/24
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	 22.07.24
14	Mr. Basudev Chakraborty	

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on
Wednesday (14-08-2024) from 2:30 pm onwards at OBE Lab 1.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. (Mr.) Manas Roy
5. Prof. (Mr.) Prabal Kr. Sahu
6. Prof. (Mr.) Keramat Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. (Mr.) Sandip Chakaborty
10. Prof. (Mr.) Ram Prasad Chakraborty
11. Mr. Rupak Kr. Ghosh
12. Mr. Debajyoti Saha
13. Mr. Santanu Goswami
14. Mr. Basudev Chakraborty

Agenda of the meeting

The agenda of the meeting is as follows:

1. Action taken report based on student feedback.
2. Progress of B.Tech Projects (Standing agenda).
3. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
4. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
5. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

- 1) Action taken report should be prepared based on student feedback and asked for review by every faculty members.
- 2) Prof. (Dr.) Dinesh Kumar Pradhan, Prof. (Mr.) Sandip Chakaborty, Prof. (Mr.) Ram Prasad Chakraborty will collect project title from final year students using google form.
- 3) Syllabus of each subject should be reviewed and modified by each faculty members according to their subject taken.
- 4) Lab assignment using online compiler, test cases etc are discussed.
- 5) Suggestion for subject inclusion and exclusion is asked from faculty members.

The meeting ends with a vote of thanks to the chair.

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Dr. Suman Bhattacharjee

HOD-IT

Moumita Pradhan

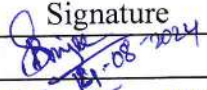




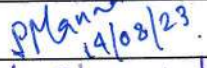
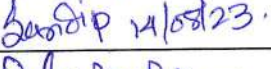
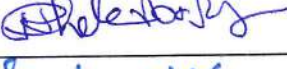

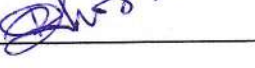
Dr. Moumita Pradhan

Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental meeting held on 14.08.2024 at 2.30PM OBE LAB 1.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	 14-08-2024
2	Prof. Prabal Kumar Sahu	 14/08/24
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	Moumita Pradhan 14.8.24
6	Dr. Dinesh K Pradhan	 14/08/24
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	 14/08/23
9	Prof. Sandip Chakraborty	 Sandip 14/08/23
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	 Santanu 14/8/24
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on Friday (13.09.2024) from 4:30 pm onwards at HoD conference room.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. Manas Roy
5. Prof. Prabal Kr. Sahu
6. Prof. Keramot Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. Sandip Chakaborty
10. Ram Prasad Chakraborty
11. Mr. Santanu Goswami
12. Mr. Rupak Kr. Ghosh
13. Mr. Debajyoti Saha
14. Mr. Basudev Chakraborty

Agenda of the meeting

1. Third year project discussion slot.
2. CA3 should be taken before puja vacation.
3. The Leave policy is changed.
4. Mentor allocation for unallocated project group
5. Progress of B.Tech Projects (Standing agenda).
6. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
7. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
8. Any other agenda raised by committee members for discussion.

Resolution of the meeting

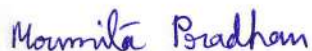
HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

1. Third year project discussion slot would be arranged on every Wednesday.
2. CA3 must be completed before 4.10.24.
3. 4th year CA3 should be conducted on or before 27.9.24 and 30.9.24.
4. 2nd and 3rd year CA3 should be conducted 24.9.24 to 30.9.24.
5. Question paper of CA3 must contain Bloom's Taxonomy and Course outcome.
6. Uniform distribution of project allocation should be maintained.



Dr. Suman Bhattacharjee

HOD-IT



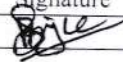
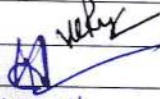

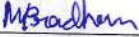



Dr. Moumita Pradhan

Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental Meeting held on 13.09.2024 at 4.30 PM at HOD's Conference Room

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	
2	Prof. Prabal Kumar Sahu	
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	
6	Dr. Dinesh K Pradhan	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on Thursday (03.10.2024) from 4:00 pm onwards at OBE LAB 1.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. (Mr.) Manas Roy
5. Prof. (Mr.) Prabal Kr. Sahu
6. Prof. (Mr.) Keramot Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. (Mr.) Sandip Chakaborty
10. Prof. (Mr.) Ram Prasad Chakraborty
11. Mr. Santanu Goswami
12. Mr. Rupak Kr. Ghosh
13. Mr. Debajyoti Saha
14. Mr. Basudev Chakraborty

Agenda of the meeting

1. Modification of syllabus under autonomy.
2. Project group formation with problems statement.
3. Progress of B.Tech Projects (Standing agenda).
4. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
5. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
6. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

1. All teachers are requested to use LMS system (Google Classroom) from this semester.
2. Modification of syllabus under autonomy should be prepared by individual teachers.
3. All project groups of final year are allocated.
4. Dr. Dinesh Kumar Pradhan will conduct a workshop on Google Classroom on 23.10.24 from 2:30 pm to 3:30 pm.



Dr. Suman Bhattacharjee
HOD-IT

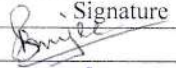



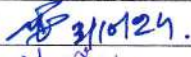
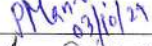
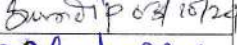

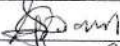




Dr. Moumita Pradhan
Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental Meeting held on 03.10.2024 at 4.00 PM at.LAB 1

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	
2	Prof. Prabal Kumar Sahu	
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	
6	Dr. Dinesh K Pradhan	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on 28-10-2024 from 4.00 PM onwards at HOD Conference room.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. Manas Roy
5. Prof. Prabal Kr. Sahu
6. Prof. Keramot Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. Sandip Chakaborty
10. Prof. Ram Prasad Chakraborty
11. Mr. Santanu Goswami
12. Mr. Rupak Kr. Ghosh
13. Mr. Debajyoti Saha
14. Mr. Basudev Chakraborty

Agenda of the meeting

1. Finalization of course curriculum under autonomy for 2nd to 4th year.
2. Finalization of draft syllabus under autonomy for 3rd to 4th year.
3. Discussion on the schemes of assessment under autonomy.
4. Discussion of the panel of examiners under autonomy.
5. Discussion of the selection of paper setters under autonomy.
6. Progress of B.Tech Projects (Standing agenda).
7. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
8. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
9. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting. The resolution of the meeting are as follows:

1. In this meeting it has been decided that the first BoS meeting of the Department of Information Technology under autonomy will be held on 30th October 2024 from 11:00 am onwards.
2. Revised course curriculum under autonomy for B. Tech in Information Technology from 2nd to 4th year is discussed in the meeting and has been finalized. The draft curriculum is attached in the Annexure-1.
3. Draft syllabus under autonomy for 3rd and 4th semester should be prepared within 5th November 2024 by the concerned faculty members (subject teachers).
4. Draft Schemes of assessment under autonomy has been prepared by the Examination section and has been circulated among the faculty members of the department for review and suggestion. The same will be placed in the BoS meeting for approval of BoS.
5. It has been decided that the subject teacher of a particular subject will be the Examiner of that subject. If the subject is taught by multiple faculty members the Examiner will be selected based on the academic qualification and experience as decided by the academic audit committee of the Department.

6. It has also been decided that the subject teachers will be the paper setters of the respective subjects. If the subject is taught by multiple faculty members the paper setter will be selected based on the academic qualification and experience as decided by the academic audit committee of the Department.



Dr. Suman Bhattacharjee

HOD-IT



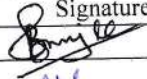


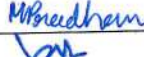


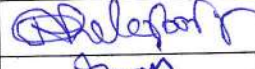

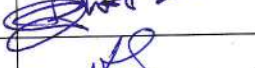

Dr. Moumita Pradhan

Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental Meeting held on 28.10.2024 at 4.00 PM at. HOD conference room.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	
2	Prof. Prabal Kumar Sahu	
3	Prof. Manas Kumar Roy	
4	Prof. Md. Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	
6	Dr. Dinesh K Pradhan	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Annexure-1

**Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology**

**Curriculum & Syllabus for B. Tech under Autonomy (NEP -2020
Implemented)**

(Effective from 2024-25 Admission Batch)

Semester Wise Break Up of Credit (New Autonomous Structure)

Sem1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8	Total
20	22	25	24	25	25	22	12	175

Semester Wise Break Up of Credit (AICTE Model Curriculum 2022)

Sem1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8	Total
18	23	23	21	20	23	20	15	163

Semester Wise Break Up of Credit (Present Ongoing Syllabus)

Sem1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8	Total
17.5	20.5	22	21	24	22	18	15	160

S. No.	Category	Breakup of Credits (Proposed) As per AICTE Model Curriculum 2022	Breakup of Credits (Actual) As per Proposed Autonomous Structure
1.	Humanities and Social Sciences including Management courses (HSMC)	16	14
2.	Basic Science Courses (BSC)	23	20
3.	Engineering Science courses including workshop, drawing, basics of electrical/mechanical/ computer etc. (ESC)	29	29
4.	Professional core course (PCC)	59	79
5.	Professional Elective specialization/branch courses relevant to chosen (PEC)	12	6
6.	Open subjects – Electives from other technical and /or emerging subjects (OEC)	9	6
7.	Project work, seminar and internship in industry or appropriate workplace/ academic and research institutions in India/abroad (PROJ)	15	21
8.	Mandatory Courses [Environmental Sciences, Induction Program, Indian Constitution, Essence of Indian Knowledge Tradition] (MC)	15 L	4 L
Total Credits		163	175

Department: Information Technology (IT)

Curriculum Structure (Effective from 2024 -25 admission batch)

2 nd Year 3 rd Semester									
Sl. No	Broad Category	Category	Course Code	Course Title	Hours per Week				Credits
					L	T	P	Total	
➤ THEORY									
1	PCC	MAJOR	PCC-IT-301	Data structure and algorithm	3	0	0	3	3
2	BSC	MINOR	BSC-301	Mathematics (Probability statistic with distribution function)	3	1	0	3	3
3	ESC	MINOR	ESC-301	Analog and Digital Electronics	3	0	0	3	3
4	PCC	MAJOR	PCC-IT-302	Problem Solving Using Python	3	0	0	3	3
5	BSC	MINOR	BSC-302	Biology	3	0	0	3	3
6	HSMC	MINOR	HSMC-301	Economics for Engineers	3	0	0	3	3
➤ PRACTICAL/SESSIONAL									
1	PCC	MAJOR	PCC-IT-391	Data structure and algorithm Laboratory	0	0	4	4	2
2	ESC	MINOR	ESC-391	Analog and Digital Electronics Laboratory	0	0	4	4	2
3	HSMC	MINOR	HSMC-391	Soft skill Laboratory-I	0	0	2	2	1
4	PCC	MAJOR	PCC-IT-392	Problem Solving Using Python Laboratory	0	0	4	4	2
TOTAL THEORY AND PRACTICALS								32	25

2nd Year 4th Semester

Sl. No	Broad Category	Category	Course Code	Course Title	Hours per Week				Credits
					L	T	P	Total	
> THEORY									
1	PCC	MAJOR	PCC-IT-401	Computer organization and architecture	3	0	0	3	3
2	PCC	MAJOR	PCC-IT-402	Discrete Mathematics	3	0	0	3	3
3	PCC	MAJOR	PCC-IT-403	Design and Analysis of Algorithms	3	0	0	3	3
4	PCC	MAJOR	PCC-IT-404	Formal Language & Automata Theory	3	0	0	3	3
5	PCC	MAJOR	PCC-IT-405	Object Oriented Programming	3	0	0	3	3
6	HSMC	MINOR	HSMC-401	Sustainable development & Environmental science	3	0	0	3	3
> PRACTICAL/SESSIONAL									
1	PCC	MAJOR	PCC-IT-491	Computer organization and architecture Laboratory	0	0	4	4	2
2	PCC	MAJOR	PCC-IT-493	Design and Analysis of Algorithms Laboratory	0	0	4	4	2
3	PCC	MAJOR	PCC-IT-495	Object Oriented Programming Laboratory	0	0	4	4	2
TOTAL THEORY AND PRACTICALS								30	24

3rd Year 5th Semester

Sl. No.	Broad Category	Category	Course Code	Course Title	Hours per Week				Credits
					L	T	P	Total	
> THEORY									
1	PCC	MAJOR	PCC-IT-501	Software Engineering and Project management	3	0	0	3	3
2	PCC	MAJOR	PCC-IT-502	Compiler Design	3	0	0	3	3
3	PCC	MAJOR	PCC-IT-503	Operating System	3	0	0	3	3
4	PEC	MAJOR	PCC-IT-504	Artificial Intelligence	3	0	0	3	3
5	PCC	MAJOR	PCC-IT-505	Data Base Management System	3	0	0	3	3
6	MC	MINOR	MC-IT-501	Constitution of India	0	0	0	2	0
> PRACTICAL/SESSIONAL									
1	PEC	MAJOR	PCC-IT-591	Software Engineering and Project management Laboratory	0	0	4	4	2
2	PCC	MAJOR	PCC-IT-593	Operating System Laboratory	0	0	4	4	2
3	BSC	MINOR	HSMC-591	Soft skill Laboratory-II	0	0	2	2	1
4	HSMC	MAJOR	HSMC-592	Technical Aptitude-I	0	0	2	2	1
5	PCC	MAJOR	PCC-IT-595	Data Base Management	0	0	4	4	2

				System Laboratory					
6	PEC	MAJOR	PCC-IT-594	Artificial Intelligence Laboratory	0	0	4	4	2
TOTAL THEORY AND PRACTICALS								37	25

3rd Year 6th Semester

Sl. No	Broad Category	Category	Course Code	Course Title	Hours per Week				Credits
					L	T	P	Total	

➤ **THEORY**

1	PCC	MAJOR	PCC-IT-601	Image Processing	3	0	0	3	3
2	OEC	MINOR	OEC-IT-601	Open elective-I (Human Resource Development and Organizational Behaviour / Numerical methods)	3	0	0	3	3
3	PCC	MAJOR	PCC-IT-602	Computer Networks	3	0	0	3	3
4	PCC	MAJOR	PCC-IT-603	Data Mining	3	0	0	3	3
5	PEC	MAJOR	PEC-IT-601	Professional elective-I (Distributed system/ Web technology/ Soft computing and optimization)	3	0	0	3	3
6	PROJ	MINOR	PROJ-IT-601	Research Methodology	3	0	0	3	3

➤ **PRACTICAL/SESSIONAL**

1	PCC	MAJOR	PCC-IT-691	Image Processing Laboratory	0	0	4	4	2
2	PCC	MAJOR	PCC-IT-692	Networking Laboratory	0	0	4	4	2
3	HSMC	MINOR	HSMC-691	Technical aptitude-II	0	0	2	2	1
4	PCC	MAJOR	PCC-IT-693	Data Mining Laboratory	0	0	4	4	2

TOTAL THEORY AND PRACTICALS

32 25

4th Year 7th Semester

Sl. No	Broad Category	Category	Course Code	Course Title	Hours per Week				Credits
					L	T	P	Total	

➤ **THEORY**

1	PCC	MAJOR	PCC-IT-701	Internet of Things	3	0	0	3	3
2	OEC	MINOR	OEC-IT-701	Open elective-II (Operation research and optimization / Soft skill & interpersonal communication)	3	0	0	3	3
3	PCC	MAJOR	PCC-IT-702	Human Computer Interaction	3	0	0	3	3
4	PROJ	MAJOR	PROJ-IT-781	Mini Project	6	0	0	6	6
5	PEC	MAJOR	PEC-IT-701	Professional elective-II (Cyber security/ Machine Learning/ Quantum computing)	3	0	0	3	3

➤ **PRACTICAL/SESSIONAL**

1	PCC	MAJOR	PCC-IT-791	Internet of Things Laboratory	0	0	4	4	2
2	PCC	MAJOR	PCC-IT-792	Human Computer Interaction Laboratory	0	0	4	4	2
TOTAL THEORY AND PRACTICALS								26	22

4th Year 8th Semester									
SL. No	Broad Category	Category	Course Code	Course Title	Hours per Week				Credits
					L	T	P	Total	
➤ THEORY									
1	PROJ	MAJOR	PROJ-IT-881	Major Project	2 4	0	0	24	12
TOTAL THEORY AND PRACTICALS								24	12

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on Friday (29.11.2024) from 11:00 am onwards at OBE LAB 1.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. (Mr.) Manas Roy
5. Prof. (Mr.) Prabal Kr. Sahu
6. Prof. (Mr.) Keramot Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. (Mr.) Sandip Chakaborty
10. Prof. (Mr.) Ram Prasad Chakraborty
11. Mr. Santanu Goswami
12. Mr. Rupak Kr. Ghosh
13. Mr. Debajyoti Saha
14. Mr. Basudev Chakraborty

Agenda of the meeting

1. Discussion regarding the NBA compliance report to be prepared by December 10, 2024.
2. Discussion regarding Academic council meeting held on (21.11.24).
3. Progress of B.Tech Projects (Standing agenda).
4. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
5. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
6. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

1. All the faculty members are requested to verify their publication, as well as FDP participation data for AY 2022-23 & AY 2023-24 by Monday (2.12.24).
2. All the faculty members have been requested to submit their publication & FDP participation for AY 2023-24 & AY 2024-25 by Monday (2.12.24).
3. Sample course attainment file will be shared after 10.12.24.
4. All members are requested to provide student entrepreneurship data as per their knowledge for pass out student.



Dr. Suman Bhattacharjee

HOD-IT







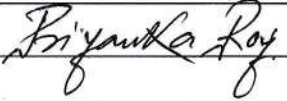
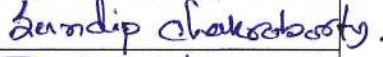

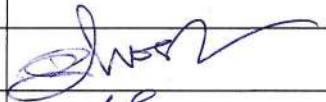

Dr. Moumita Pradhan

Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list








Departmental Meeting held on 29.11.2024 at 11.00 AM at. HOD conference room.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	
2	Dr.Dinesh K Pradhan	
3	Dr. Moumita Pradhan	
4	Prof. Prabal Kumar Sahu	
5	Prof. Manas Kumar Roy	
6	Prof. Md. Keramot Hossain Mondal	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr.B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on
Thursday (19.12.2024) from 3:30 pm onwards at OBE LAB 1.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan 
3. Prof. (Dr.) Moumita Pradhan
4. Prof. (Mr.) Manas Roy 
5. Prof. (Mr.) Prabal Kr. Sahu
6. Prof. (Mr.) Keramat Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy 
8. Prof. (Mrs.) Paramita Manna 
9. Prof. (Mr.) Sandip Chakaborty 
10. Prof. (Mr.) Ram Prasad Chakraborty 
11. Mr. Rupak Kr. Ghosh
12. Mr. Debajyoti Saha
13. Mr. Santanu Goswami 
14. Mr. Basudev Chakraborty

Agenda of the meeting

The agenda of the meeting are as follows:

1. Subject allocation for upcoming Even semester.
2. Discussion regarding upcoming NBA visit for compliance.
3. Mentor allocation for the 1st year student of the IT department.
4. Progress of B.Tech Projects (Standing agenda).
5. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
6. Identifying the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
7. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

- 1) Subject allocation has been finalized in the meeting and the proposed allocation is attached in Annexure –I.
- 2) Allocating job for upcoming NBA visit next to be finalize in a DAC meeting on 3.1.25.
- 3) Magazine to be updated till date.
- 4) Projects for final year should be allocated from 3rd year (5th sem).

The meeting ends with a vote of thanks to the chair.



Dr. Suman Bhattacharjee
HOD-IT



Dr. Moumita Pradhan
Convener of DAC/PAQIC

Annexure -I
Department of Information Technology

Subject Allocation IT EVEN Semester January 2025 – June 2025
(Weekly Theory and Lab Loads are shown)

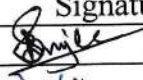







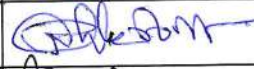

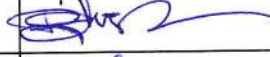

Sub Name	Sub Code	Sem	Dept	Faculty Assigned	Signature
Program for problem solving	ESC-CS201 & 291	2 nd	IT	Prof. Prabal Kumar Sahu (3+8=11 Hrs)	
Database Management System	PCC-CS601 & 691	6 th	IT	Prof. Manas Kumar Roy (3+8=11 Hrs)	<i>MSR</i> 23/12/24
Computer Architecture	PCC-CS402 & 492	4 th	IT	Prof. Moumita Pradhan (3+8=11 Hrs)	<i>MP</i> 23.12.24
Design & Analysis of Algorithm	PCC-CS404 & 494	4 th	IT	Prof. Priyanka Roy (3+8= 11 Hrs)	<i>PR</i> 23/12/24
Formal Language and Automata Theory	PCC-CS403	4 th	IT	Prof. Ram Prasad Chakraborty (3 Hrs)	<i>RP</i> 23/12/24
Open Elective-IV (E-Commerce and ERP)	OEC-IT802A	8 th	IT	Prof. Paramita Manna (3 Hrs)	<i>PM</i> 23/12/24
Computer Networks & Computer Networks Lab	PCC-CS602 & PCC-CS692	6 th	IT	Prof. Md. KH Mondal (3+8=11 Hrs)	<i>MKM</i>

Elective-VI (Internet of Things)	PEC-IT801D	8 th	IT	Prof. Dinesh Kumar Pradhan (3+3+3=9 Hrs)	<i>Dinesh Kumar Pradhan</i> 24/12/24
Elective-II (Distributed Systems)	PCC-IT601B	6 th			
Research Methodology	PROJ-CS601	6 th			
Elective-III (Data Warehousing and Data Mining)	PEC-IT602B	6 th	IT	Prof. Suman Bhattacharjee (3 Hrs)	<i>Suman Bhattacharjee</i>
Open Elective-III (Cyber Law and Ethics)	OEC-IT801B	8 th	IT	Prof. Sandip Chakraborty (3+3+4=10 Hrs)	<i>Sandip Chakraborty</i>
Soft computing(AIML)	PEC AIML 603 & PEC AIML693	6 th	AI ML		

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental Meeting held on 19.12.2024 at 3.30 PM at. OBE Lab-01.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	
2	Dr.Dinesh K Pradhan	
3	Dr. Moumita Pradhan	
4	Prof. Prabal Kumar Sahu	
5	Prof. Manas Kumar Roy	
6	Prof. Md. Keramot Hossain Mondal	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Minutes of the Departmental Academic Council (DAC) meeting held on
15-01-2025 from 4.00 PM onwards at IT OBE LAB 1.

Members Present:

1. Prof. (Dr.) Suman Bhattacharjee – HOD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. Manas Roy
5. Prof. Prabal Kr. Sahu
6. Prof. Keramat Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. Sandip Chakaborty
10. Ram Prasad Chakraborty
11. Mr. Santanu Goswami
12. Mr. Rupak Kr. Ghosh
13. Mr. Debajyoti Saha
14. Mr. Basudev Chakraborty

Agenda of the meeting

1. Project schedule allocation for 7th semester students.
2. Date of the poster presentation for the 7th semester students should be decided (Tentative April).
3. Lab exam schedule for all odd semester should be published.
4. Preparation for upcoming NBA compliance visit.
5. Mentor allocation for the 1st year student of the IT department.
6. Progress of B.Tech Projects (Standing agenda).
7. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
8. Identify the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
9. Any other agenda raised by committee members for discussion.

Resolution of the meeting

HOD Dr. Suman Bhattacharjee welcomed all the members present in the meeting.

- 1) Project presentation schedule has been finalized and informed to the students. The proposed marks division for evaluating final year project is as follows:
40 marks - Based on monthly report submission.
30 marks - Based on supervisor's decision
30 marks - External panel
- 2) Date of poster presentation has been finalized & will be communicated to the student in due course.
- 3) Lab exam schedule for odd semester has been finalized and communicated to the students.

- 4) Faculty members have been informed to collect the required documents for the upcoming NBA compliance visit.
- 5) Mentor allocation for 1st year students of IT department has been finalized and communicated shortly.



Dr. Suman Bhattacharjee

HOD-IT






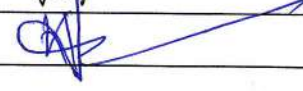
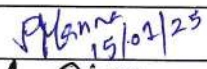
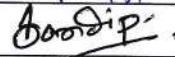
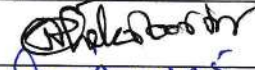

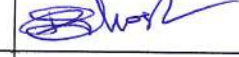
Dr. Moumita Pradhan

Convener of DAC/PAQIC

DEPARTMENT OF INFORMATION TECHNOLOGY

Faculty & Staff list

Departmental Meeting held on 15.01.2025 at 4.00 PM at. OBE Lab-01.

Sl. No.	NAME	Signature
1	Dr. Suman Bhattacharjee (HOD)	
2	Dr. Dinesh K Pradhan	
3	Dr. Moumita Pradhan	
4	Prof. Prabal Kumar Sahu	
5	Prof. Manas Kumar Roy	
6	Prof. Md. Keramot Hossain Mondal	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	
12	Mr. Rupak Kumar Ghosh	
13	Mr. Debajyoti Saha	
14	Mr. Basudev Chakraborty	

Dr. B. C. Roy Engineering College, Durgapur
Department of Information Technology

Ref: BCREC/IT/DAC/MOM-3/2024-25

The 3rd DAC meeting of Information Technology was held on Monday (19.5.2025) from 3:30 pm onwards at OBE LAB 1.

Members present:

1. Prof. (Dr.) Suman Bhattacharjee – HoD
2. Prof. (Dr.) Dinesh Kumar Pradhan
3. Prof. (Dr.) Moumita Pradhan
4. Prof. (Mr.) Manas Roy
5. Prof. (Mr.) Prabal Kr. Sahu
6. Prof. (Mr.) Keramat Hossain Mondal
7. Prof. (Mrs.) Priyanka Roy
8. Prof. (Mrs.) Paramita Manna
9. Prof. (Mr.) Ram Prasad Chakraborty
10. Mr. Santanu Goswami
11. Mr. Debojyoti Saha
12. Mr. Basudev Chakraborty
13. Mrs. Sugata Ghoshdatta

Agenda of the meeting

1. Finalization of syllabus from 3 rd semester to 8 th semester students under autonomy.
2. Identifying the factors for the poor attendance of the students in current semesters.
3. Discussion for NAAC requirements.
4. Finalization of date for poster presentation award.
5. Progress of B.Tech Projects (Standing agenda).
6. Continuous maintenance of documentation for accreditation and other purposes (Standing agenda).
7. Identify the deficiencies in Graduate Attributes, weak and strong students and corresponding remedial actions (Standing agenda).
8. Any other agenda raised by committee members for discussion.

Resolutions of the meeting:

- Syllabus from 3rd semester and 4th semester students under autonomy is sent to BoS members and waiting for approval.
- It has also been decided to prepare course files (2024-25) for odd and even semesters subjects and labs by all faculty members. Other requirements by NAAC are discussed and conveyed by (Prof.) Moumita Pradhan.
- It has also been decided project presentation for final year students by 6.6.25.
- LAB Coordinators are assigned as like follows:

- | | |
|--------------------------------|------------------------------------|
| 1. IT OBE LAB1 - | Prof. (Mr.) Manas Roy |
| 2. IT OBE LAB2 - | Prof. (Mr.) Ram Prasad Chakraborty |
| 3. IT OBE LAB3 - | Prof. (Mr.) Prabal Kr. Sahu |
| 4. PROJECT and RESEARCH LAB4 - | Prof. (Dr.) Dinesh Kumar Pradhan |

- Various Committee conveners are reconstructed as like follows:

- | | |
|--------------------|------------------------------------|
| 1. AAC (Unchanged) | Prof. (Dr.) Dinesh Kumar Pradhan |
| 2. DAC (Unchanged) | Prof. (Dr.) Moumita Pradhan |
| 3. Budget | Prof. (Mrs.) Priyanka Roy |
| 4. Internship | Prof. (Mr.) Ram Prasad Chakraborty |

Moumita Pradhan

Dr. Moumita Pradhan
(Convener of DAC / PAQIC)

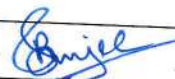


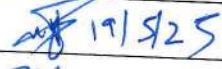



Prof. (Dr.) Suman Bhattacharjee
(HoD)

DEPARTMENT OF INFORMATION TECHNOLOGY

FACULTY & STAFF LIST

Departmental meeting held on 19-05-2025 at 3.30 PM OBE
LAB 1

SL NO	NAME	SIGNATURE
1	Dr. Suman Bhattacharjee (HOD)	
2	Prof. Prabal Kumar Sahu	PKS 19/05/25
3	Prof. Manas kumar Roy	MKR 19/05/25
4	Prof. MD Keramot Hossain Mondal	
5	Dr. Moumita Pradhan	Moumita Pradhan. 19.5.25
6	Dr. Dinesh K. Pradhan	
7	Prof. Priyanka Roy	
8	Prof. Paramita Manna	PManna 19/05/25
9	Prof. Sandip Chakraborty	
10	Prof. Ram Prasad Chakraborty	
11	Mr. Santanu Goswami	Santanu Goswami
12	Mr. Debajyoti Saha	
13	Mr. Basudev Chakraborty	
14	Mrs. Sugata Ghosh Datta	