

Dr. B.C ROY ENGINEERING COLLEGE

ACADEMIC AND ADMINISTRATIVE AUDIT

Name, Designation and Address of Academic Audit Experts: Prof. Dr. Sanjay Sengupta/ Prof. Dr. Pabitra Dey

Members of the Department Present: , Prof. Dr. Jayanta Pal, Prof. Dr. Saurav Ranjan Das, Dr. Kushal Roy, Dr. Abhik Mukherjee and Dr. Arnab Bandyopadhyay

Date / Dates of Audit: 16-12-2025

A. DEPARTMENT DETAILS

Name of Department:	BASIC SCIENCE AND HUMANITIES								
Name of Programme:	B.Tech + M. tech. + MCA								
Academic year	2024-25								
	1stYear (1stSem)	1st Year (2ndSem)	2nd Year (3rd Sem)	2nd Year (4th Sem)	3rd Year (5th Sem)	3rd Year (6th Sem)	4thYear (7th Sem)	4thYear (8th Sem)	Total Credit
No. of Theory courses & Credits offered	9+2 & 214	9 & 210	11+1 & 66	9 & 57	4 & 12	5 & 26	2 & 6	0	591
No. Of Practical classes and credits offered	7+1 & 62	9 & 96	2 & 2	3 & 7	1 & 0	0	0	0	167

B. FACULTY/STAFF STRENGTH

	Teaching				NON TEACHING			
	Professors	Associate Professors	Assistant Professors	Total	Lab Assistants	Office Staff	Supporting Staff	Total
BS & Hu	01	04	15	19	04	0	01	05
Others	NIL		27	27	09	0	0	09

C. FACULTY DETAILS (2024-25)

Please provide the list of faculty in the Department as per the below format separately (year wise). List should be kept ready with all supporting evidence of Appointment letters / Promotion letters / degree details / others if any

S. No.	Name	PAN No.	Qualification	Area of Specialization	Date of Joining	Date on which Designated as Professor/ Associate Professor	Currently Associated (Y/N)	Nature of Association (Regular /Contract/ Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently Associated is "No")
1.	Dr. Saurav Ranjan Das	AGRPD8406C	M.Sc., Ph.D	Reaction Engineering	09/09/2002	01.07.2010	Y	Regular		No
2.	Dr. Jayanta Pal	ANTPP9421C	M. Sc., M. Tech., Ph. D	Solar Photovoltaic Cell	23/03/2010	01/01/2020	Y	Regular		No
3	Koushik Senapati	ASBPS0236K	M.Sc. M.Tech	Solid Mechanics, Optimization Technique	12/06/2000	1/7/2010	Y	Regular		No
4.	Dr. Santanu Kumar Patra	BHHPP3276Q	M. Sc., Ph. D	Nanotechnology	6/2/2010	NA	Y	Regular		No
5.	Dr. Shashi Bajaj Mukherjee	ASKPB2346N	M. Sc., Ph. D	Bio stat	26/02/2010	NA	Y	Regular		No
6.	Sreejata Sen Sarma	BZPPS3368N	M.Sc.	Advanced Fluid Mechanics	15/07/2008	NA	Y	Regular		No
7	Dr. Sourav Bhattacharya	BSBPB0525R	M.Sc, Ph.D.	Organic Polymer Chemistry	01/09/2021	NA	Y	Regular		No
8.	Sukarna Dey Mondal	AUMPD7885L	M.Sc.	Operations Research	19/07/2011	NA	Y	Regular		No
9.	Dr. Avijit De	AWHPD3883B	M.Sc, M. Tech, Ph.D	Fuzzy, MCDM	14/07/2012	NA	Y	Regular		No
10.	Sohini Ghosh	ANSPG1514G	MA	Economics	16/7/2015	NA	Y	Regular		No
11	Dr. Jaya Mukhopadhyay	ARNPB7192E	M. Sc., Ph. D	Operations Research, Game theory	03/07/2012	NA	Y	Regular		No

12	Debadrita Sen	BMHPS9619F	MA	English/Business Communication	18/10/2006	NA	Y	Regular		No
13	SarabjeetLahiri	ACUPL4783F	MA	English /Business Communication	2.12.2008	NA	Y	Regular		No
14.	Dr. Sukalpa Dey	AKVPD7819D	M. Sc., Ph. D	Chemical Kinetics, Inorganic Chemistry	08.01.2013	NA	Y	Regular		No
15.	Dr. Taniya Chakraborty	ARNPC2223P	M.A. Ph.D	English	10/01/2019	NA	Y	Regular		No
16	Sudip Kumar Gorey	AUJPG1413G	M. Sc., M.Phil	Bio-Mathematics, Operations Research, Fuzzy theory, MCDM	19/07/2011	NA	Y	Regular		No
17.	Dr. Suneeta De	AGQPD3591D	MA, PhD	Business Communication Teaching	17/12/2005	24-08-2022	Y	Regular		No
18	Dr Sarit Pal	AJNPP9675N	M.Sc., PhD	Optical communications	03/08/2007	10/02/2010	Y	Regular	NA	NA
19	Dr. Arnab Bandopadhyay	AQPPB1030J	Ph. D.	Statistical Sample Surveys	15/08/2024	NA	Y	Regular		No
20	Dr. Kushal Roy	BPIPR7933F	M.Sc., Ph. D.	Fixed Point Theory, Functional Analysis	22/08/2024	NA	Y	Regular		NA
21	Madhurima Ray Barman	BARPB5461J	M.Sc.	Microbiology	19/11/2020	NA	Y	Contract	Part Time	No
22	Prof. Debayan Gayen	DOIPG8383H	M. Sc.	Conservation Biology (Wildlife Conservation)	1/2/2023	NA	Y	Contract	Part Time	No
23	Dr. Manoj Kundu	AYIPK2632G	Ph,D	Manufacturing	06/02/2004	NA	Y	Regular		No
24	Dr. Snehashis Ghoshal	BBBPG0888D	Ph,D	Basic Electrical	12/01/2016	NA	Y	Regular		No
25	Samujjwal Ray	AIMPR356C	M Tech	Signal Processing	18-07-2002	NA	Y	Regular		
26	Prabal Kumar Sahu	BDTPS6011E	ME	Multimedia	01/04/2005	NA	Y	Regular		No

27	Dr. Rupali	DFOPS2783N	PhD in Mechanica l Engg.	Machine Design	04/09/ 2012	NA	Y	Regular		NO
28	Suman Karmakar	AVIPK7222P	ME	Machine Design	02/07/ 2013	NA	Y	Regular		NO
29	Dr. Bijoy Laxmi Koley	AJAPM 3650K	PhD	Biomedical Instrumentation	09/01/ 2009	NA	Y	Regular		
30	Arka Banerjee	BLWPB5352G	M.E.	Machine Design	12/01/ 2016	NA	Y	Regular		No
31	Dr. ALOKE SAHA	BMMPS9772E	B.Tech, M.E., PhD	VLSI Design	26/02/ 2009	01/07/2022	Y	Regular		No
32	Siddhartha Bhowmick	AOQPB4173B	B.E/ M. TECH	Design & Production	17.01.20 15	NA	Y	Regular		No
33	Rakesh Biswas	AEVPB0988H	BE/MTe ch	Thermal Engg.	01- Apr- 2017	NA	Y	Regular	NA	No
34	JOYJIT PATRA	BBPPP6014G	B.TECH/ M.TECH	DESIGN AND ANALYSIS OF ALGORITHMS	18-12- 2020	NA	Y	Regular	NA	NA
35	Subhajit Bhattacharya	ATBPB7269A	B.TECH/ M.TECH	Production Engineering	02.07.2 013	NA	Y	Regular	NA	No
36	Dr Subrata Samanta	BCOPS5964G	PhD	Fluid & Thermal Engineering	16-10- 2014	NA	Y	Regular	NA	No
37	Dr. Rajeev Ranjan	AUTPR3061R	PhD	Manufacturing Technology	06.02.2 016	NA	Y	Regular	NA	NA
38	Deepak Kumar	CXXPK0150M	M.TECH	Production Engineering	12.09.2 017	NA	Y	Regular	NA	NA

39	Dr. Subhas Chandra Moi	AMHPM5575B	PhD	Production Engineering	12/02/2014	NA	Y	Regular	NA	NA
40	Dr. Moumita Pradhan	BKHPS4510D	PhD	Computer engineering	2/09/2005	NA	Y	Regular	NA	NA
41	Koushik Chatterjee	AIXPC2103R	M. Tech	Machine Design	06/02/2007	NA	Yes	Regular	NA	NA
42	Dr. Pabitra Kumar Mandal	AQVPM8282H	PhD	Thermal Engineering	07/01/2009	NA	Y	Regular	NA	NA
43	Subhadra Deb Roy	ASOPD5859N	M. Tech	Microstrip Antenna Design	21/09/2007	NA	Y	Regular	NA	No
44	Mou Das Mahapatra	ANTPM5616L	M. Tech	Industrial Electrical System	11/07/2005	NA	Y	Regular	NA	NA
45	Dr. Dola Sinha	BLYPS2718B	PhD	Power Electronics	01/12/2012	01/07/2022	Yes	Regular	NA	NA
46	Dr. Kamalika Tiwari	AFLPT3105K	PhD	MOS Sensor Fabrication, Precise Agriculture, Smart agriculture ,Intrigration of Blockchain concept with IoT	1/11/2006	NA	N	Regular	NA	NA
47	Adhit Roy	ALMPR8341L	M.Tech	Power System	04/08/2005	NA	Y	Regular	NA	NA

48	Dr. Mrinmoy Chakraborty	ALRPC4105G	Ph.D	Antenna Design	30/04/2009	01/02/2024	Y	Regular	NA	NA
49	Dr. <u>Tushnik Sarkar</u>	CYXPS0616R	Ph,D	Signal Processing	29/07/2010	NA	Y	Regular	NA	NA
50	Dr. Soumen Biswas	AUQPB1278B	PhD	Control System	02/09/2014	17/10/2022	Y	Regular	NA	NA
51	Basudeb Mondal	AUPPM1204K	ME	Power System	01/08/2008	NA	N	Regular	NA	NA
52	SAINDHAB CHATTARAJ	AIRPC6959M	M.TECH	CSE	02/08/2008	NA	Y	REGULAR	NA	NA
53	Amitabha Mandal	ATWPM7652H	M.Tech	Multimedia & Software Systems	02/08/2008	NA	Y	Regular	NA	NA

D. DEPARTMENTAL DECENTRALIZED WORKING STRUCTURE

Different departmental committees with minutes of meeting of the committees (for decentralized working)

(Only provide Structure / Committees etc. Minutes of meetings will be cross verified at time of audit)

- 1. Examination Committee:** Prof. (Dr.) Jaya Mukhopadhyay (Convener), Prof. (Dr.) Sukalpa Dey, Prof Debadrita Sen, Sm. Arpita Dutta
- 2. Routine Committee:** Prof. (Dr.) Jayanta Pal, Prof. (Dr.) Sourav Bhattacharya Prof. Sarabjeet Lahiri, Prof. Sreejata Sen Sharma
- 3. Purchase committee:** Dr. Saurav Ranjan Das, Dr. Jayanta Pal, Dr. Shashi Bajaj Mukherjee, Dr. Sukalpa Dey, Dr. Sukarna Dey Mondal, Prof. Kaushik Senapati
- 4. R&D committee:** Dr. Arnab Bandyopadhyay, Dr. Taniya Chakraborty, Dr. Shashi Bajaj Mukherjee
- 5. NAAC Coordinator:** Prof. (Dr.) Sourav Bhattacharya
- 6. NBA Coordinator:** Prof. (Dr.) Avijit De
- 7. NIRF Coordinator:** Prof. (Dr.) Jaya Mukhopaddhyay

E. MINUTES OF THE MEETING

Internal Department Meeting minutes showing the discussion on the following issues. Whether students and parents are part of some meeting. Please provide whether the following are done by mentioning Yes / No (Keep documents ready for verification by the audit team)

1. Subject Allocation: Yes
2. Lesson plans: Yes
3. Syllabus Coverage: Yes
4. Feedback Analysis & Action taken: No
5. Program outcome and curricular Gap identification: N/A
6. Mentoring Yes
7. Add-on-Courses: Yes

F. COURSE DELIVERY:

Sem	From Core Dept						To Core Dept						To Other Dept					
	No of Faculty		No. of Courses		Credits		No of Faculty		No. of Courses		Credits		No of Faculty		No. of Courses		Credits	
	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P	T	P
First	14	15	4	4	102	48							18+4	9+2	5+2	3+1	108+4	22+2
Second	11	16	4	6	108	76							16	8	5	3	102	20
Third													14+1	5	11+1	2	63+3	2
Fourth													11	9	9	3	57	7
Fifth													3	2	4	1	12	0
Sixth													7	-	5	-	26	-
Seventh													2	-	2	-	6	-
Eighth																	-	-

G. WORK LOAD DETAILS:

Work load details for faculty members / technical staffs to be prepared in following format. The workload should be approved in DAC meeting.

Odd Sem:

S. No	Name of the Faculty member / Technical Staff	Name(s) of the Theory/Lab	No. of Courses		No. of Periods		Credits	Work Load	Administrative activity at Department /Institute Level
			T	P	T	P			
1.	Prof. (Dr.) Saurav Ranjan Das	Chemistry-1(BSC CH 101)	2		6		6	8	HOD, Prior DAC Convener, Member of Academic Council
		Environmental Science (MC ES 101)	2		2		0		
2.	Prof. (Dr.) Sukalpa Dey	Chemistry-1 (BSC CH 101)(Gr.-III) (CSE3+CSD)	1		3		3	18	NSS, Technical Training Group member,

		Environmental Science (MC-ES 101) (Gr.-III)(CSE3+CSD)	1		1		0		Tech Guru in IDEA Lab
		Environmental Science (MC 381) (ECE)	1		2		0		
		Chemistry-1 Lab (BSC CH191)		6		12	6		
3.	Prof.(Dr.) Sourav Bhattacharya	Chemistry-1 (BSC CH 101)	2				6		1. Departmental Routine committee member 2. Departmental NAAC Coordinator 3. Departmental
		Environmental Science (MC-ES 101) (Gr.-IV & V)(DS+CSD & IT+DS)	2		2		0		
		Environmental Science (MC 381) (ECE 1)	1		2			18	
		Chemistry-1 Lab (BSC CH 191)		4		8	4		
	Prof. (Dr.) Jayanta Pal	Physics-I (BSC-PH 101) (ECE, ME)	2		6		6	14	1. IQAC Committee Member, 2. NAAC Core Committee

4.		Physics-I Lab (BSC-PH 191) (ECE, ME)		2		8	4		Member, 3. IDEA Lab Purchase Committee Member, 5. DAC Convenor 6. DLI Member 7. Departmental Routine Committee Member 8. Faculty in Charge Physics Lab 9. Departmental Budget committee member. 10. Member of the academic audit committee of the BSH department.
5	Prof. (Dr.) Santanu Patra	Physics-I (BSC-PH 101)(EE, AIML)	2		6		6	14	1. Departmental R&D committee member 2. Departmental Exam Committee Member, (Physics)
		Physics-I Lab (BSC-PH 191) (EE, AIML)		2		8	4		
6.	Prof. (Dr.) Sarit Pal	Physics-I (BSC-PH 101) (CS, CE)	2		3		3	7	
		Physics-I Lab (BSC-PH 191) (CS, CE)		2		4	2		
7.	Prof. Koushik Senapati	(PEC AIML 501C)	1		3		3	11	
		(PCC DS 501)	1		3		3		
		M. Tech. (ME) (1 st Sem)	1		2		2		
		M. Tech (ECE) (3 rd Sem)	1		3		3		
8.	Prof. Sreejata Sen Sarma	Mathematics-IA (BSC M 101)	1		4		3	13	1. Routine Committee, Member (Dept. Level)
		Mathematics-III (BSC 301)(CSE, IT, DS)	3		6		4		
		Operations Research (OEC IT701A)(IT)	1		3		3		

9.	Prof. Sukarna Dey Mondal	Mathematics-I (BSC M 101) (Gr. -VI)	1		4		3	14	<ol style="list-style-type: none"> 1. Best Student Award Committee. 2. Central Event Committee 3. Exam Committee, Member (Dept. Level)
		Mathematics-III (BSM 301) (ECE-1 & ECE-2)	2		6		6		
		Mathematics-III (BSM 301) (EE-1 & EE-2)	2		2		2		
		Numerical Methods Lab (EE)		1		2	1		
10.	Dr. Avijit De	Mathematics-I (BSC M 101) (Gr.-II & IX)	2		8		6	14	NBA (Dept. Level), Member, IIC Cell
		Mathematics-III (BS-M 301) (CSE 2)	1		2		2		
		M. Tech. (ME) (MM ME 101)	1		2		2		
11.	Dr. Shashi Bajaj Mukherjee	Mathematics-I (BSC M 101) (Gr.-III & VII)	2		8		6	14	Member R&D.
		Mathematics-III (BSC 301) (CSE 1 & CSD)	2		2		1.5		
		Numerical Methods Lab (EE-2 (X))		1		2	1		
		Advance Engineering Mathematics (M .Tech) (CSE)	1		2		2		
12	Dr. Jaya Mukhopadhyay	Mathematics-I (BSC M 101) (Gr.-2)	1		4		3	14	<ol style="list-style-type: none"> 1. Member, Time table (Class) management committee 2. Departmental NIRF 3. Faculty In-Charge, Numerical Lab Coordinator 4. Departmental Exam Committee (Convenor)
		Mathematics-III (BSC 301) (CSE-2, IT, DS)	3		3		3		
		Operations Research (OEC CS 701A)(CSE)	1		3		3		
		Advance Engineering Mathematics (PG CSEM 101) (CSE)	1		2		2		

		Numerical Methods Lab (EE-1 (X))		1		2	1		
13.	Prof. Sudip Kumar Gorey	Mathematics-I (BSC M101)	2		8		6	14	Convenor, Time table (Class) management committee
		Mathematics-III (EE) (BS-M301)	2		4		6		
		Linear Algebra (AIML) (BSC-AIML301)	1		2		2		
14.	Prof. (Dr.) Arnab Bandhpadhyay	MATH III, BSM 301, ME	4	1	4		4	16	Convenor- Conference/Workshop (BSH Department) Member- Research & Development Faculty Coordinator - IPR Exhibition
		PROBABILITY & STAT , PCC AIML 501			3		3		
		MATH 1B, BSM 101X (CS+CIVIL)			4		4		
		Advanced Engineering Mathematics, EMM 101 (M. Tech-EE)			3		3		
		PC-CS391 (EE 1 X)				2	2		
15.	Prof. (Dr.) Kushal Roy	Mathematics-I (BSC M101) (Bridge Course) (CSE, IT, DS, AIML, CS, ECE, EE, ME, CE)	10		10		0	15	
		Mathematics-III (Transform & Discrete Mathematics)(CE(BS) 302)	1		3		2		
		Mathematics-III (Differential Calculus) (BSC-301) (CSD)	1	0	2	0	1.5		

16.	Prof. Debadrita Sen	Humanities I(Effective Technical Communication) (ME II 5th Sem)-HM HU 501	1		3		3	11	<ol style="list-style-type: none"> 1. Member of Soft Skills Training Programme 2. Member of Departmental Exam Committee 3. Member of Razorsharp (Debate Club).
		Soft Skills & Interpersonal Communication (MCA 1st Sem)- MCAN 190		1		4	2		
		English Language & Technical Communication (Group VIII) (EE) HS HU 101	1		2		2		
		Language Lab (Group VIII) (EE)-HS HU 191		1		2	1		
17.	Prof. Sarabjeet Lahiri	Humanities I(Effective Technical Communication) (CE 3rd Sem)- CE HS 301	1		3		2	13	<p>In-charge of NCC. Member or anti ragging committee Member of the departmental disciplinary committee. Member of Soft Skill Training Program. Departmental Routine coordinator Member of Razorsharp (Debate Club).</p>
		Effective Technical Communication (MC HU 581) (ECE2)		1		6	2		
		Language Lab (EE+AIML) HS HU 191		1		2	1		
		English Language & Technical Communication (Group IX) (EE+AIML)-HS HU 101	1		2		2		
18.	Dr. Suneeta De	Effective Technical Communication (MC HU 581)MC-HU581 (ECE 1)		1		6	2	14	<ol style="list-style-type: none"> 1. Departmental Academic Committee Member, 2. BCREC - SST Coordinator,

		English Language and Technical Communication (HS HU 101)(ECE/ME)	2		4		4		3. Member IIPC, 4. Member TPO,BCREC 5. Debate Club-BCREC Convenor
		Language Lab (HS HU191) (ECE/ME)		2		4	2-		
19.	Dr. Taniya Chakraborty	English Language and Technical Communication (HS HU 101)(CE+CS)	1		2		2	12	Departmental Coordinator of Exam cell
		Language Lab (HS HU191) (CE+CS)		1		2	1		
		Soft Skills & Interpersonal Communication- ECE I & II- OE(EC)506A	2		4		4		
		Soft Skills & Interpersonal Communication (MCAN 190) (MCA)		1		4	2		
20.	Prof. SOHINI GHOSH	ECONOMICS FOR ENGINEERS (CSE 1&2, IT,DS, CSD, AIML: HSMC 301; 3rd sem)	6		18		18	18	NSS Coordinator, EDC Cell Member, Member of Soft Skills Training Programme, Member DAC

Part Time Faculty

S. No	Name of the Faculty member / Technical Staff	Name(s) of the Theory/Lab	No. of Courses		No. of Periods		Credits	Work Load	Administrative activity at Department /Institute Level
			T	P	T	P			
1	Prof. Madhurima Ray Barman	Biology (Biology for Engineers)[CE] [CE(BS)301]	2		3		6	11	
		Biology (Biology for Engineers) [ME][BS-BIO(301)			3				
				1	4				

		Life science [CE] [CE(ES)393]			1				
2	Prof. Debayan Gayen	Biology (Biology for Engineers)[EE] [BS-EE301]	1		6		3	6	

Technical Staff

S. No	Name of the Technical Staff	Name(s) [of the Theory/Lab	No. of Courses		No. of Periods		Credits	Work Load	Administrative activity at Department /Institute Level
			T	P	T	P			
1	Subir Kumar Pal	Chemistry Lab		10		20	10	20	
2	Sandip Bhattacharya	Numerical Methods Lab							
3	Debabrata Moulick	Physics Lab		3		10	5	10	
4	Arpita Dutta	Physics Lab		3		10	5	10	Departmental Coordinator of Exam Cell

Faculty Members from Other Departments (Except Basic Science & Humanities Dept.)

[Work load for 1st Semester only]

S. No	Name of the Faculty member	Name(s) of the Theory/Lab	No. of Courses		No. of Periods		Credits	Work Load	Administrative activity at Department /Institute Level
			T	P	T	P			
1	Dr. Rupali	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	7	1.Member of ICC 2.Coordinator of Departmental

		Engineering Graphics & Design [ESC-ME191]	NA	1	NA	4	2		<p>Mark Moderation Committee</p> <p>3.Core member and departmental coordinator Springboard Committee.</p> <p>4.Lab -Incharge of Material Testing Lab</p> <p>5.Member of DAC</p>
2	Dr. Moumita Pradhan	Laboratory: Introduction to H/W and S/W	NA	1	NA	4	1	2	<ol style="list-style-type: none"> 1. Convener of DAC. 2. NAAC core committee member. 3. Departmental NAAC Coordinator. 4. Departmental Library Coordinator. 5. Library core committee member. 6. Departmental Budget committee member. 7. Member of the academic audit committee of the IT department. 8. NBA departmental committee member
	Subhadra Deb Roy	Basic Electronics Engineering (ESC-EC101)	1	NA	3	NA	3	3	<ol style="list-style-type: none"> 1. Routine Committee member. 2. Departmental Budget & Purchase committee member. 3. Departmental Disciplinary Committee Member. 4. Departmental NBA Committee Member.

4	Mou Das Mahapatra	Basic Electrical Engineering Laboratory (ES-EE191)	-	1	-	2	1	2	<ol style="list-style-type: none"> 1. 1Departmental NAAC coordinator 2. IQAC Committee Member, 3. NAAC Core Committee Member 4. NBA departmental committee member
5	Dr Subrata Samanta	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	7	<ol style="list-style-type: none"> 1. PG Coordinator(ME), 2. Departmental(ME) NBA Committee member, 3. . Departmental(ME) academic audit committee member, 4. . DAC Convenor(ME)
		Engineering Graphics & Design [ESC-ME191]	NA	1	NA	4	2		
6	Siddhartha Bhowmick	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	3	<ol style="list-style-type: none"> 1. Member of Core Committee, T & P (campus) 2. Incharge of Strength of Materials Lab 3. Member of DAC
7	Subhajit Bhattacharya	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	11	<ol style="list-style-type: none"> 1. Coordinator, Robotics and Drone Club, BCREC 2. Departmental PCA Committee Member 3. NBA Committee member 4. Departmental QAIC Coordinator 5. NSS Member 6. DAC member 7. BOS (Departmental) Member
		Workshop/Manufacturing Practice Lab (ESC-ME192)	NA	2	NA	8	2		

8	Dr. Subhas Chandra Moi	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	18	1. Member of DAC 2. Coordinator, Internship (ME) 3. Member of Departmental Mark Moderation Committee
		Workshop/Manufactu ring Practice Lab (ESC-ME192)	NA	1	NA	4	2		4. Member of Departmental QAIC
9	Dr. Bijoy Laxmi Koley	Basic Electrical Engineering(ES- EE101) Basic Electrical Engineering Lab(ES- EE191)	1	3	3	6		9	1. Tech Guru AICTE IDEA LAB 2. Lab Incharge
10	Dr.Kamalika Tiwari	Basic Electrical Engineering Lab (ES- EE191)	NA	2	NA	4		4	1. Member of DAC 2. Lab Incharge 3. EDC Member 4. Tech Guru AICTE IDEA LAB 5. NBA Criterion 10
11	Adhit Roy	Basic Electrical Engineering (ESE-EE- 101), Basic Electrical Engineering Lab(ESC- EE-191)	1	1	3	2	4	5	1. Member of Routine Committee 2. Lab Incharge 3. FIS Committee 4. NBA Criterion 5 5. Coordinator of Industrial Add on course
12	Dr. Mrinmoy Chakraborty	Basic Electronics Engineering (ESC- EC101)	1	NA	3	NA	3	3	HoD ECE

13	Dr. Tushnik Sarkar	Basic Electrical Engineering Laboratory (ES-EE191)	-	4	-	8	4	8	1. NBA departmental committee member 2. NIRF committee member 3. Departmental T&P Coordinator.
14	SAMUJJWAL RAY	Basic Electronics (EC101)	1	0	3	0	3	3	1. Member, departmental purchase committee 2. Member, departmental NBA committee 3. IDEA LAB Administrative documentation work 4. Tech Guru, AICTE-IDEA Lab.
15	Rakesh Biswas	Workshop/Manufacturing Practice Lab (ESC-ME192)	NA	1	NA	4	2	4	1. Member of DAC 2. Member Feedback Analysis, NBA 3. Member Library Committee 4. Lab Incharge CNC Lab
16	Deepak Kumar	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	11	1) Member of DAC 2) Member Feedback Analysis, NBA 3) Workshop Incharge 4) Internal Stock Verification Committee
		Workshop/Manufacturing Practice Lab (ESC-ME192)	NA	2	NA	8	2		
17	KOUSHIK CHATTERJEE	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	7	1. Add-on Course Coordinator (ACME02).

		Engineering Graphics & Design [ESC-ME191]	NA	1	NA	4	2		2. Lab -Incharge of Design Practice Lab. 3. Tech Guru AICTE IDEA LAB. 4. Member of DAC.
18	Arka Banerjee	Engineering Graphics & Design [ESC-ME191]	NA	1	NA	4	3	8	1) Member of DAC 2) Member, FACILITIES AND TECHNICAL SUPPORT, NBA (NBA Criterion 6) 3) Departmental e-Magazine advisory committee 4) Music club
		Workshop/Manufacturing Practice Lab (ESC-ME192)	NA	1	NA	4	3		
19	Dr. Rajeev Ranjan	Engineering Graphics & Design [ESC-ME191]	NA	1	NA	4	3	8	1) Member of DAC 2) T&P Coordinator, 3) GATE Classes Coordinator
		Workshop/Manufacturing Practice Lab (ESC-ME192)	NA	1	NA	4	3		
20	Suman Karmakar	Engineering Mechanics [ESC-ME101]	1	NA	3	NA	3	9	1) Member of DAC 2) Member of EDC 3) Member of Departmental NBA Committee
21	Basudeb Mondal	Basic Electrical Engineering (ESE-EE-101),	1		3		3	5	1. Circuit Lab Incharge 2. NBA Criterion 4
		Basic Electrical Engineering Lab(ESC-EE-191)		1		2	1		

22	SAINDHAB CHATTARAJ	Introduction to H/W and S/W	1	1	NA	4	3	7	<ol style="list-style-type: none"> 1. IQAC MEMBER 2. ANTI RAGGING CONVENER 3. ANTI RAGGING NODAL HEAD 4. STUDENT WELFARE JT. CONVENER 5. ALUMNI ASSOCIATION JT. CONVENER 6. STUDENT COUNCIL SECRETARY 7. HOSTEL COUNCIL CONVENER 8. DISCIPLINARY COMMITTEE CONVENER 9. STUDENT REDRESSAL CELL JT. CONVENER. 10. CULTURAL COMMITTEE CONVENER 11. INSTITUTE CULTURAL COMMITTEE CONVENER
23	Amitabha Mandal	Introduction to H/W and S/W	1	1	NA	3	3	3	<ol style="list-style-type: none"> 1. Departmental T&P Coordinator 2. Lab In-charge of Turing Fundamental Laboratory 3. NBA Commeety member.

24	DR. MANOJ KUNDU	Workshop/Manufacturing Practice Lab (ESC-ME192)	NA	2	NA	8	2	8	<ol style="list-style-type: none"> 1. IQAC Committee Member 2. NAAC core committee member. 3. Departmental NAAC Coordinator. 4. Departmental Budget coordinator. 5. Member of the academic audit committee of the ME department. 6. NBA departmental committee member 7. Departmental MAR & Mentoring coordinator
25	Dr Anirban Bose	Laboratory: Introduction to H/W and S/W	NA	1	NA	4	1	2	<ol style="list-style-type: none"> 1. IQAC Committee Member 2. NAAC core committee member. 5. Member of the academic audit committee of the ME department. 6. NBA departmental committee member.
26	Amitabha Mandal	Introduction to H/W and S/W	1	1	NA	3	3	3	<ol style="list-style-type: none"> 1. Departmental T&P Coordinator 2. Lab In-charge of Turing Fundamental Laboratory 3. NBA Commeety member.

Even Sem:

1. FACULTY DETAILS

Please provide the list of faculty in the Department as per the below format separately (year wise). List should be kept ready with all supporting evidence of Appointment letters

/ Promotion letters / degree details / others if any

S. No.	Name	P cgAN No.	Qualification	Area of Specialization	Date of Joining	Date on which Designated as Professor/ Associate Professor	Currently Associated (Y/N)	Nature of Association (Regular/Contract/ Adjunct)	If contractual mention Full time or Part time	Date of Leaving (In case Currently Associate d is "No")
1.	Dr. Saurav Ranjan Das	AGRPD8406C	M.Sc., Ph.D	Reaction Engineering	09/09/2002	01.07.2010	Y	Regular		No
2.	Dr. Jayanta Pal	ANTPP9421C	M. Sc., M. Tech., Ph. D	Solar Photovoltaic Cell	23/03/2010	01/01/2020	Y	Regular		No
3	Koushik Senapati	ASBPS0236K	M.Sc. M.Tech	Solid Mechanics, Optimization Technique	12/06/2000	1/7/2010	Y	Regular		No
4.	Dr. Santanu Kumar Patra	BHHPP3276Q	M. Sc., Ph. D	Nanotechnology	6/2/2010	NA	Y	Regular		No
5.	Dr. Shashi Bajaj Mukherjee	ASKPB2346N	M. Sc., Ph. D	Bio stat	26/02/2010	NA	Y	Regular		No
6.	Sreejata Sen Sarma	BZPPS3368N	M.Sc.	Advanced Fluid Mechanics	15/07/2008	NA	Y	Regular		No

7	Dr. Sourav Bhattacharya	BSBPB0525R	M.Sc, Ph.D.	Organic Polymer Chemistry	01/09/2021	NA	Y	Regular		No
8.	Sukarna Dey Mondal	AUMPD7885L	M.Sc.	Operations Research	19/07/2011	NA	Y	Regular		No
9.	Dr. Avijit De	AWHPD3883B	M.Sc, M. Tech, Ph.D	Fuzzy, MCDM	14/07/2012	NA	Y	Regular		No
10.	Madhurima Ray Barman	BARPB5461J	M.Sc.	Microbiology	19/11/2020	NA	Y	Contract	Part Time	No
11	Sohini Ghosh	ANSPG1514G	MA	Economics	16/7/2015	NA	Y	Regular		No
12	Dr. Jaya Mukhopadhyay	ARNPB7192E	M. Sc., Ph. D	Operations Research, Game theory	03/07/2012	NA	Y	Regular		No
13	Debadrita Sen	BMHPS9619F	MA	English/Business Communication	18/10/2006	NA	Y	Regular		No
14.	SarabjeetLahiri	ACUPL4783F	MA	English /Business Communication	2.12.2008	NA	Y	Regular		No
15	Dr. Taniya Chakraborty	ARNPC2223P	M.A. Ph.D	English/ Feminism, Gender Studies, Culture Studies	10/01/2019	NA	Y	Regular		No
16	Sudip Kumar Gorey	AUJPG1413G	M. Sc., M.Phil	Bio-Mathematics, Operations Research, Fuzzy theory, MCDM	15/07/2011	NA	Y	Regular		No

17	Dr. Kushal Roy	BPIPR7933F	Ph.D.	Fixed Point Theory, Nonlinear Functional Analysis	16.06.1993	NA	Y	Regular	NA	NA
18	Dr. Arnab Bandyopadhyay	AQPPB1030J	Ph. D	Statistical Sample Surveys	15/07/2024	15/07/2024	Y	Regular		No
18	Prasenjit Maji	BFMPM4642E	M.Tech	Computer Science	11/07/2023	NA	Y	Regular		No
19	Paragkanti Chattopadhyay	ALQPC9087J	M.Tech	Computer Science	01/08/2019	NA	Y	Regular		No
20	Joyjit Patra	BBPPP6014G	M.Tech	Computer Science	18/12/2020	NA	Y	Regular		No
21	Shibendu Mahata	AOEPM1230J	Ph.D.	Electronics	01/08/2012	01/11/2023	Y	Regular		No
22	Arka Banerjee	BLWPB5352G	M.E.	Machine Design	12/01/2016	12/01/2016	Y	Regular		No
23	PRABAL KUMAR SAHU	BDTPS6011E	ME	Multimedia	01/04/2005	NA	Y	Regular		No
24	Kingsuk Majumdar	BEZPM0081B	M. Tech	Optimisation, Power System, Power Electronics	15/01/2014	NA	Y	Regular	NA	NO

25	Dr. Kamalika Tiwari	AFLPT3105K	PhD	Measurement & Instrumentation , Sensor, Smart Farming, Additive and Subtractive Manufacturing	1/11/2006	NA	Y	Regular	NA	NO
26	Dr. Manoj Kundu	AYIPK2632G	Ph. D	Manufacturing	06/02/2004	NA	Y	Regular	NA	NO
27	Dr. Bijoy Laxmi Koley	AJAPM3650K	PhD	Biomedical Instrumentation	09/01/2009	NA	y	Regular	NA	NO
28	Dr Subrata Samanta	BCOPS5964G	Ph D	Thermal Engineering	16/10/2014	NA	Y	Regular	NA	NO
29	Dr. Subhas Chandra Moi	AMHPM5575 B	Ph D	Manufacturing	12/02/2014	NA	Y	Regular	NA	NO
30	Dr. Abhik Mukherjee	BCQPM3280B	Ph D, Postdoc	Modern British Literature, Gender Studies, Film Studies	18/09/24	n/a	Y	Regular	n/a	n/a
31	Prof. Prabal Sahu	BDTPS6011E	M.Tech	Multimedia, Algorithms	01-04-2005	N/A	Y	Regular	N/A	N/A
32	Dr. Snehashis Ghoshal	BBBPG0888D	Ph.D	Power and Energy System	12-01-2016	NA	Y	Regular	NA	NA
33	Prof. Mou Das Mahapatra	ANTPM5616L	M.Tech	Industrial Electrical System	11-08-2005	NA	Y	Regular	NA	NA

34	Subhajit Bhattacharya	ATBPB7269A	M.Tech	Manufacturing	02.07.2013	NA	Y	Regular	NA	NA
35	Koushik Chatterjee	AIXPC2103R	M. Tech	Machine Design	06/02/2007	NA	Yes	Regular	NA	NA
36	Dr. Rupali	DFOPS2783N	Ph.D	Mechanical Engineering (Machine Design)	04/09/2012	NA	Y	Regular	NA	NA
37	Adhit Roy	ALMPR8341L	M.Tech	Power System	01/08/2019	NA	Y	Regular		NA
38	Basudeb Mondal	AUPPM1204K	M.E	Power System	01/08/2008	NA	Y	Regular		NA
39	Dr. Pabitr Kumar Mandal	AQVPM8282 H	Ph.D.	Heat Transfer	07/01/2009	NA	Y	Regular	NA	NA
40	Deepak Kumar	CXXPk0150M	M. Tech	Production Engineering	12/09/2017	NA	Y	Regular	NA	NA
41	Pradipta Sarkar	CDGPS2731H	M.Tech	Microelectronic s & VLSI Design	12/01/2016	NA	Y	Regular	NA	NO
42	Dr. Aloke Saha	BMMP9772E	Ph.D	VLSI Circuit System	26.02.2009	01.07.2022	Y	Regular	NA	NA
45	Dr. Deepa Naik	AHVPN3819N	Ph.D	Passive optical network integrated with Wireless networks	11/07/2023	NA	Y	Regular	NA	NA

46	Dr. Anirban Chattopadhyay	AHJPC9839P	Ph.D	Data analysis using Signal Processing	01/08/2008	NA	Y	Regular	NA	NA
47	Moloy Mukherjee	APOPM6752L	M.Tech	Signal Processing	11/1/2005	NA	Y	Regular	NA	NA
48	Dr. Rajeev Ranjan	AUTPR3061R	Ph.D	Manufacturing Technology	06/02/2016	NA	Y	Regular	NA	NA
49	Siddhartha Ghosh	.ASXPG7367H	M.Tech	Electrical system	14.12.12	NA	Y	regular	NA	NA
50	Chitta Sahana	CDQPS2784C	M.Tech	Fluid Mechanics	22.01.2014	NA	Y	Regular	NA	NA
51	Soumendra Pain	BSLPP3196A	M.Tech	Electronics & Communication Engineering	02.07.2014	01.09.2021	Y	Regular	NA	NA
52	Rakesh Biswas	AEVPB0988H	M.Tech	Thermal Engineering	01-Apr-2017	NA	Y	Regular	NA	No
53	Dr. Ardhendu sekhar Chattopadhyay	ACKPC2376F	PhD	Mobile Adhoc Network	11.02.2016	NA	Y	Regular	NA	No
54	Dr. Arnab Banerjee	BHTPB5890C	Ph.D.	Deep Learning, Computer Vision, Pattern Recognition	01.07.2023	NA	Y	Regular	NA	No

WORKLOAD DETAILS: (2024-25)

Work load details for faculty members / technical staffs to be prepared in the following format. The workload should be approved in the DAC meeting.

2nd Semester:

S. No	Name of the Faculty member / Technical Staff	Name(s) of the Theory/Lab	No. of Courses		No. of Periods		Credits	Work Load	Administrative activity at Department /Institute Level
			T	P	T	P			
1.	Prof. (Dr.) Saurav Ranjan Das	Chemistry (BSC CH 101)	2		6		3	15.5	DAC Convener, Prior HOD, Member of Academic Council
		Environmental Science (MC ES 101)			2		0		

		Environmental Science (MC-401) (CSE2)	0		0		1		
		Environmental Science (MC-401)(CSD)					0		
		Environmental Science (MC-401) (AIML)					2		
		Chemistry Lab (BSC CH191)		1		9	1		
2.	Prof. (Dr.) Sourav Bhattacharya	Chemistry (BSC CH 101)	2		5		3	16.5	<ol style="list-style-type: none"> 1. Departmental Routine committee member 2. Departmental NAAC Coordinator 3. Departmental library coordinator
		Environmental Science (MC-ES 101)			1		0		

		(Environmental Science (MC-401)(IT))	3		6		1	
		MCEE-401 (EE)					0	
		MC-401(ME)					0	
		Chemistry Lab (BSC CH 191)	1			9	1	

3.	Prof. (Dr.) Jayanta Pal	Physics (BSC-PH 201) (CSE 1, CSE 2)	2		6		6	10	<p>1. HoD Basic Science & Humanities Dept.</p> <p>2. IQAC Committee Member,</p> <p>3. NAAC Core Committee Member,</p> <p>4. IDEA Lab Purchase Committee Member,</p> <p>5. DLI Member</p> <p>6. Departmental Routine Committee Member</p> <p>7. Faculty in Charge Physics Lab</p>
		Physics Lab (BSC-PH 291) (CSE1, CSE 2)		4		8		4	<p>8. Departmental Budget committee member.</p> <p>10. Member of the academic audit committee of the BSH department.</p>

4	Prof. (Dr.) Santanu Patra	Physics (BSC-PH 201)(CSD, DS, CSE 3, IT)	3		9		9	15	1. Departmental R&D committee member 2. Departmental Exam Committee Member, (Physics)
		Physics Lab (BSC-PH 191) (CSD, DS, CSE 3, IT)		6		12	6		
5.	Prof. Koushik Senapati		1		4		4	4	Member, Academic Council
6.	Prof. Sreejata Sen Sarma	Mathematics-II (BSC M202)	1		4		3	8	1. Routine Committee, Member (Dept. Level)
		DISCRETE MATHEMATICS	1		2		2		
		NUMERICAL METHODS	1		3		3		

7.	Prof. Sukarna Dey Mondal	Mathematics-II (BSC M202)	1		4		3	10	<ol style="list-style-type: none"> 1. Best Student Award Committee. 2. Central Event Committee 3. Exam Committee, Member (Dept. Level)
		Numerical Methods (ECE) (BS-M 401)	1		2		2		
		Numerical Methods (CSE) (OEC-IT 601A)	1		3		3		
		Numerical Methods Lab (ECE1-X) (BS-M(CS)491)		1		2	1		
8.	Dr. Avijit De	Mathematics-II (BSC M202)	1		4		3	9	NBA (Dept. Level), Member, IIC Cell

		DISCRETE MATHEMATICS	1		6		6		
9.	Dr. Shashi Bajaj Mukherjee	Mathematics- II(Section-IV) (BSC- M20)	1		4		3	10	Member R&D.
		Discrete Mathematics (PCC-CS 401)	2		4		4		
		Numerical Methods Lab (ECE1-Y) (BS- M(CS)491)		1		2	1		
10.	Dr. Jaya Mukhopadhy a	Mathematics- II(Section-III) (BSC- M202)	1		4		3	10	1. Member, Time table (Class) management committee 2. Departmental NIRF

		Discrete Mathematics (PCC-CS 401)	2		4		4		Coordinator 3. Faculty In-Charge, Numerical Lab 4. Departmental Exam Committee (Convenor)
		Numerical Methods Lab (ECE2-X) (BS-M(CS)491)		1		2	1		
11.	Prof. Debadrita Sen	English Language & Technical Communication (Batch I) (CSE 1) HS MC 201	1		3		3	12	1. Member of Soft Skills Training Programme 2. Member of Departmental Exam Committee 3. Member of Razorsharp (Debate Club).
		Language Lab(Batch I) (CSE 1)-HS MC 291		1		2	1		

		Soft Skills Development Lab HS HU 481 (ECE I, 4th Sem)		1		4	1		
		Soft Skills Training(6th & 4th Sem)	1		6		0		
12.	Prof. Sarabjeet Lahiri	English Language & Technical Communication (CSE 3+CSD)) HS MC 201	1		3		2	15	In-charge of NCC. Member or anti ragging committee Member of the departmental disciplinary committee. Member of Soft Skill Training Program. Departmental Routine coordinator Member of Razorsharp (Debate Club).
		Language Lab (CSE 3+CSD)-HS MC 291		1		2	1		
		Soft Skills Development Lab HS HU 481 (ECE 2, 4th Sem)		1		4	1		

		Soft Skills Training(6th & 4th Sem)	1		6				
		Soft skills and Interpersonal Communication (CE: OEC 601)	1		3		3		
13.	Prof. Sudip Kumar Gorey	Mathematics-II (BSC M202)	1		4		3	10	Convenor, Time table (Class) management committee
		NUMERICAL METHODS	1		2		2		
		NUMERICAL METHODS	1		3		3		
		NUMERICAL METHODS LAB		1		2	2		

14	Dr. Taniya Chakraborty	English Language & Technical Communication (CSE 2+CSD+DS) HS MC 201	2		6		4	14	Departmental Coordinator of Exam cell
		Language Lab (CSE 2+CSD+DS)-HS MC 291	2			4	2		
		Soft Skills Training(6th & 4th Sem)	1		6				
15.	Prof. SOHINI GHOSH	Economics for Engineers (HS HU 601:ECE 1& 2)	2		6		3	14	NSS Coordinator, EDC Cell Member, Member of Soft Skills Training Programme, Member DAC
		Economics for Engineers (HM EE 601:EE 1& 2)	2		6		3		

		Soft Skills Training(6th sem)	1		2				
16	Prof. (Dr.) Arnab Bandhpadhya Y	Mathematics-II (BSC M202) (Section and Section IX)	1		8		3	10	Convenor- Conference/Workshop (BSH Department) Member- Research & Development Faculty Coordinator - IPR Exhibition
		PCCAIML 401- Discrete Mathematics	2		2		3		
17	Prof. (Dr.) Kushal Roy	Mathematics-II (BSC M202) (Section VII and Section X)	1		8		3	10	
		Discrete Mathematics	1		2		2		

18	Dr. Abhik Mukherjee	English Language and Technical communication (HS MC 201) (Group 5)	1		3		2	17	Member of Soft Skill Training Programme
		Language Laboratory (HS MC 291) (Group 5)	1			2	1		
		Soft Skills (6th sem & 4th sem)			13				

Part Time Faculty

S. No	Name of the Faculty member / Technical Staff	Name(s) of the Theory/Lab	No. of Courses		No. of Periods		Credits	Work Load	Administrative activity at Department /Institute Level
			T	P	T	P			
1	Prof. Madhurima Ray Barman								
		BIOLOGY, BIO. FOR ENGINEER	1		15			15	
2	Prof. Debayan Gayen	BIOLOGY	1		9				

Technical Staff

S. N o	Name of the Technical Staff	Name(s) [of the Theory/Lab	No. of Courses		No. of Periods		Credit s	Wor k Loa d	Administrative activity at Department /Institute Level
			T	P	T	P			
1	Subir Kumar Pal	Chemistry Lab		10		20	10	20	
2	Sandip Bhattacharya	Numerical Methods Lab		4		8	4	8	
3	Debabrata Moulick	Physics Lab		3		10	5	10	

4

Arpita Dutta

Physics Lab

3

10

5

10

**Departmental
Coordinator of Exam
Cell**

Faculty Members from Other Departments (Except Basic Science & Humanities Dept.)

[Work load for 2nd Semester only]

S. N o	Name of the Faculty member	Name(s) of the Theory/Lab	No. of Courses		No. of Periods		Credits	Work Load	Administrative activity at Department /Institute Level
			T	P	T	P			

		Kingsuk Majumdar (EE)	1	1	1	4	5	16 (Total) , 2nd Sem =5	Dy. SPOC / BCREC at MAKAUT university MOOCs Joint coordinator / BCREC MOOCs Departmental coordinator / EE / BCREC Project Team member Editor of Dept. Magazine NBA member of sec. 7 SST member, BCREC TechFest organizer Saraswati Puja organizer etc
2	DR. MANOJ KUNDU (ME)	Workshop Practices		1		8	4		

3	Prof. Mou Das Mahapatra	Basic Electrical Engineering Laboratory (ESC-EE291)	0	1	0	2	2	8 Hrs	<ul style="list-style-type: none"> 1. NAAC core committee member 2. Departmental NAAC coordinator (ME) 3. Departmental MAR coordinator (ME) 4. Departmental budget coordinator (ME) 5. .Departmental NBA committee member (ME) 6. Departmental BOS member (ME)
		Programming for Problem Solving (ESC-CS202)	1	0	3	0	3	13	<ul style="list-style-type: none"> NAAC core committee member Departmental NAAC coordinator Departmental NBA committee member (Criteria 8) Incharge, Basic Electrical Engineering Laboratory

4	Prof. Prabal Kumar Sahu	Programming for Problem Solving Lab(ESC-CS292)	0	1	0	8	2	11	<p>DAC Member (Dept. Level)</p> <p>NBA Committee Member (Dept. Level)</p> <p>Member(Co-coordinator) of Website Maintenance (Institute Level)</p>
		Basic Electrical Engineering Lab (ESC-EE292)	0	2	0	4			
5	Dr. Bijoy Laxmi Koley	Engineering Graphics and Design(ESC-ME291)	0	1	0	4	3	13	<p>Departmental NBA committee member (Criterion no. 2)</p> <p>Lab-Incharge of Digital Electronics.</p>

6	Dr. Rupali	Basic Electrical Engineering(ESC-EE201)/Basic Electrical Engineering Lab(ESC-EE291)		1	1	3	2	4	4	<p>1. ICC Committee member</p> <p>2. Lab incharge of Material Testing Lab</p> <p>3. DAC member</p> <p>4. Coordinator of Infosys Springboard (ME Department)</p> <p>5. Coordinator of Departmental Mark moderation committee(for NBA)</p>
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7	Adhit Roy	<p>Basic Electrical Engineering (ESC-EE-201)/</p> <p>Basic Electrical Engineering Lab (ESC-EE291)</p>		1	3	2	4	5	<p>1. Member of Class management committee</p> <p>2. Coordinator of Add on course</p> <p>3. Member of FIS committee</p> <p>4. NBA criterion 5</p> <p>5. Lab incharge of Power Electronic & Drives Lab</p>
8	Basudeb Mondal	Programming for Problem Solving (ESC-CS202)	1	0	2	0	2	5	<p>1. Coordinator of Industrial Training.</p> <p>2. Coordinator of Departmental Higher Study</p> <p>3. Departmental NBA committee member (Criteria 4)</p> <p>4) 4.. Incharge of Circuit Theory Laboratory</p>

9	Shibendu Mahata	Programming for Problem Solving Lab(ESC-CS292)	0	1	0	16	2	2	<p>HoD, EE</p> <p>In-Charge of Microprocessor and Microcontroller Lab</p> <p>In-charge of Embedded Systems Lab</p>
10	Pradipta Sarkar	Basic Electrical Engineering(ESC-EE201)/Basic Electrical Engineering Lab(ESC-EE291)	1	1	3	4	7	22 (2nd Sem: 16 6th Sem: 6)	1. Placement Coordinator (ECE Dept), T&P Cell.
11	Siddhartha Ghosh	BASIC ELECTRONICS ENGINEERING LAB(ESC-EC291)	0	2	0	2	1	7	<p>Departmental Examm-cell Coordinator</p> <p>Basic Electrical lab Incharge</p> <p>NBA Coordinator Criterion 6</p>

12	Soumendra Pain	Workshop Practices (ESC-ME292)	0	3	0	1 2	6	2	<p>Departmental Academic Audit Committee</p> <p>Departmental Budget and Purchase Committee</p> <p>Departmental Alumni Committee</p> <p>In charge of Basic Electronics Lab</p> <p>In charge of Computer Network Lab</p>
13	Deepak Kumar	Programming for Problem Solving (ESC-CS202)	1	0	3	0	3	12	<p>1) Member of DAC</p> <p>2) Member Feedback Analysis, NBA</p> <p>3) Workshop Incharge</p> <p>4) Internal Stock Verification Committee</p>

14	Sudipta Samanta	Programming for Problem Solving Lab(ESC-CS292)	0	1	0	8	2	11	Department of Cyber security
		Introduction to Computer Hardware and Software (ESC-CS201)	1	0	3	0	3		
15	Sudipta Samanta	Introduction to Computer Hardware and Software Lab(ESC-CS291)	0	1	0	4	2	7	Department of Cyber security
		BASIC ELECTRONICS ENGINEERING (ESC-EC291)	1	0	2	0	3		

16	Anirban Chattopadhyay	BASIC ELECTRONICS ENGINEERING (ESC-EC291)	1	0	2	0	3	2	<p>Central routine Committee</p> <p>Tech fest convenor</p> <p>Departmental Budget and Purchase Committee</p> <p>Departmental NBA Committee</p> <p>In-Charge of Analog Communication Lab</p> <p>Departmental Academic Audit Committee</p> <p>Departmental disciplinary Committee</p>
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17	Moloy Mukherjee	Programming for Problem Solving Lab(ESC-CS292)	0	1	0	8	2	2	<p>1. Departmental Budget and Purchase Committee</p> <p>2. Departmental NBA Coordinator</p> <p>3. In-Charge of Digital Communication Lab</p> <p>4. Departmental Disciplinary Committee</p> <p>5. AICTE IDEA- LAB Tech guru</p>
18	Dr. Ardhendu sekhar Chattopadhyay	Programming for Problem Solving (ESC-CS202)	1		3		3	8	<p>1. 1. Departmental NAAC Coordinator.</p> <p>2. 2. Departmental Library Coordinator</p> <p>3. 3. Departmental R&D coordinator</p>

19	Dr. Arnab Banerjee	Programming for Problem Solving Lab (ESC-CS292)		1	4	2	5	Departmental Exam Cell Coordinator. Departmental NAAC Coordinator.
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Technical Staff from Other Departments (Except Basic Science & Humanities Dept.)							
[Work load for 2nd Semester only]							
S. No	Name of the Technical Staff	Name(s) of the Theory/Lab	No. of Courses	No. of Periods	Credits	Work Load	Administrative activity at Department /Institute Level

1	Pulak Sinha Roy	Basic Electrical Engineering Lab(ESC-EE- 291)					3	6	<ol style="list-style-type: none"> 1. Students Admission 2. Students Registration 3. Students Insurance 4. Sports Committee 5. NBA Committee 6. NAAC Committee 7. Audit Committee 8. Departmental Attendance Committee
2	Rajib Karmakar	Basic Electrical Engineering Lab(ESC-EE- 291)					4	8	<ol style="list-style-type: none"> 1. Students Admission 2. Students Registration 3. Departmental routine Committee 4. Sports Committee 5. NBA Committee 6. NAAC Committee 7. Audit Committee 8. Departmental Attendance Committee

3	Rathin Roy	Basic Electrical Engineering Lab(ESC-EE-291)					1	2	<ol style="list-style-type: none"> 1. Students Admission 2. Students Registration 3. Students Insurance 4. Sports Committee 5. NBA Committee 6. NAAC Committee 7. VT Committee 8. Departmental Attendance Committee 9. ATAL FDP Member
4	Partha Sarathi Lakshman	Engineering Graphics and Design (ES ME 191)					2	8	<p>NBA Committee Member, ME</p> <p>Editor, Departmental Magazine “MECH THINK”</p> <p>Editor, Departmental Newsletter</p> <p>B.O.S. member, ME</p>
5	SURAJIT BANERJEE	Engineering Graphics and Design(ESME 191)					2	12	<p>Students Admission</p> <p>SPOC Departmental IT support</p>

6	SUBHANKAR DEY	Engineering Graphics and Design(ESME 191)					4	16	Exam Cell Member NAAC Core Committee Member (Institute Level) NBA Committee Member, ME Students Admission
7	Lakshmi Kanta Paul	Engineering Graphics and Design(ESME 191)					4	16	Students Admission Different Committee Member (Institute Level)
8	Sougata Rudra	Basic Electrical Engineering Lab(ESC-EE-291)					3	6	Exam Cell Coordinator Different Committee Member(Department & Institute Level)
9	Deepak Kumar	Engineering Mechanics [ESC-ME101]					3	11	Member of DAC Member Feedback Analysis, NBA
		Workshop/Manufacturing Practice Lab (ESC-ME192)					2		Workshop Incharge Internal Stock Verification Committee

H. COURSE FILE PREPARATION AND VERIFICATION:

Course file should include:

1. Vision & Mission of the Institute
2. Vision & Mission of the Department
3. Program Outcomes (POs)
4. Program Specific Outcomes (PSO)
5. Course Outcomes (COs)
6. Class Time Table & Faculty Time Table
7. Syllabus
8. Course handouts/Lecture schedule (include the list of additional topics to meet the outcomes, if required?)
9. Assignments/Tutorial question papers with solutions
10. Continuous evaluation papers with solutions
11. Lecture notes (Hand written/typed)
12. Consolidated attendance statement of students
13. Consolidated semester grades of students
14. Result analysis
15. Sample copies of evaluated answer scripts of Class test, assignments, tutorials, lab records(Highest, average and marginal pass).
15. Weak learner and advanced learner identification.
16. Remedial measures for weak learners

Description	1 st Sem	2 nd Sem	3 rd Sem	4 th Sem	5 th Sem	6 th Sem	7 th Sem	8 th Sem	Total
No. of courses for which course files are not prepared	00	00	00	00	00	00	00		00
No. of courses for which course files are prepared	24+13	27+17	13 (T)	06	02 (T)	01	01		104
No. of courses for which course files are prepared and verified internally (By Senior Faculty/Program Coordinator/HOD)	20	20	08	03	02	01	01		
No. of courses for which course files are prepared and not verified internally (By Senior Faculty/Program Coordinator/HOD)	17	24	05	03	00	00	00		
No. of courses for which the Course files are modified after verification	02	00	00		00		00		

(Keep course files course wise)

I. FACULTY DEVELOPMENT PROGRAM ATTENDED (5 days or more)**(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)****Data required with supporting evidence of certificate**

Sl. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1.	Dr. Jayanta Pal	Innovations and Future Trends in Industrial Systems and Instrumentation: An FDP on Cutting Edge Technology and Application	29-07-2024 - 02-08-2024
2	Dr. Saurav Ranjan Das	Innovations and Future Trends in Industrial Systems and Instrumentation: An FDP on Cutting Edge Technology and Application	29-07-2024 - 02-08-2024
3	Dr. Saurav Ranjan Das	Material Science and Sustainable Development, ATAL FDP	10-02-2025 to 15-02-2025
4.	SREEJATA SEN SARMA	Next-Generation Technologies in Information and Communication	05-11-2024 — 09-11-2024
5	Dr. Sourav Bhattacharya	Innovations and Future Trends in Industrial Systems and Instrumentation: An FDP on Cutting Edge Technology and Application	29-07-2024 - 02-08-2024

6	Dr. Sourav Bhattacharya	Material Science and Sustainable Development, ATAL FDP	10-02-2025 to 15-02- 2025
7.	Dr. Avijit De	Next-Generation Technologies in Information and Communication	05-11-2024 - 09-11- 2024
8.	Dr. Arnab Bandyopadhyay	Next-Generation Technologies in Information and Communication	05-11-2024 - 09-11- 2024
9.	Debadrita Sen	Pedagogy in SST	19-02-2024-23-02-2024
10	Debadrita Sen	Artificial Intelligence in Business: Now and Beyond Industry 4.0	23-07-2024-27-07-2024
11	Debadrita Sen	Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education	13-01-2025 - 17-01- 2025
12	Sohini Ghosh	Artificial Intelligence in Business: Now and Beyond Industry 4.0	23-07-2024-27-07-2024
13	Sohini Ghosh	NPTEL FDP: Economics of IPR	JUL-AUG 2024 (4 weeks)
14	Dr. Taniya Chakraborty	NPTEL FDP on Applied Linguistics	July - October, 2024
15	Dr. Taniya Chakraborty	Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education	13.1.2025 - 17.01.2025

16	Dr. Taniya Chakraborty	Pedagogy in SST	19. 2. 24 - 23. 2. 2024
17	Dr. Santanu Kumar Patra	Innovations and Future Trends in Industrial Systems and Instrumentation: An FDP on Cutting Edge Technology and Application	29-07-2024 - 02-08-2024
18	Dr. Shashi Bajaj Mukherjee	Emerging Trends in Business Analytics for Data Driven Decision Making	22/07/2024 to 27/07/2024
19	Dr. Kushal Roy	MATHEMATICAL AND PHYSICAL FOUNDATIONS OF AI: BRIDGING ACADEMIA & INDUSTRY	04.11.24-08.11.24
20	Sudip Kumar Gorey	Emerging Trends in Business Analytics for Data Driven Decision Making	22/07/2024 - 27/07/2024
21	Sudip Kumar Gorey	Next-Generation Technologies in Information and Communication	05-11-2024 - 09-11-2024
22	Dr. Abhik Mukherjee	Life Skills Management (Atal FDP at IIT Bhubaneswar)	30.12 2024-3.1. 2025
23	Sukarna Dey Mondal	Next-Generation Technologies in Information and Communication	05-11-2024 - 09-11-2024
24	Sukarna Dey Mondal	Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education	13-01-2025 - 17-01-2025
25	Dr. Jaya Mukhopadhyay	Next-Generation Technologies in Information and Communication	05-11-2024 - 09-11-2024

26	Dr. Jaya Mukhopadhyay	Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education	13-01-2025 - 17-01-2025
27	Dr. Shashi Bajaj Mukherjee	NPTEL FDP on Introduction to Probability Theory and Statistics	Jan-Apr, 2025 (12 Weeks)
28	Dr. Shashi Bajaj Mukherjee	NPTEL FDP on Research Methodology in Natural Sciences	Jan-Apr, 2025 (12 Weeks)
29	Dr. Shashi Bajaj Mukherjee	Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education	13-01-2025 - 17-01-2025
30	Sarabjeet Lahiri	Pedagogy in SST	19-02-2024-23-02-2024
31	Sarabjeet Lahiri	Innovative teaching and learning pedagogy	23-07-2024 to 27.07.2024
32	Dr. Abhik Mukherjee	Advanced Pedagogy and Classroom Delivery Enhancement Techniques in Higher Education	13-01-2025 - 17-01-2025
33	Dr. Kushal Roy	ADVANCED RESEARCH AND METHODOLOGIES	13.05.2025-17.05.2025
34	Dr. Arnab Bandyopadhyay	Advanced Statistical Software, Methodology and Data Visualization for Research Excellence” organized by Manipal University Jaipur	23/06/2025-27/06/2025

35	Dr. Saurav Ranjan Das	Emerging Trends in Research and its Application in Engineering	26/05/2025 to 30/05/2025
36	Sohini Ghosh	Ethical Considerations in AI Driven Research-Navigating Challenges, Opportunities & Business Practices	04/08/2025 to 08/08/2025
37	Dr. Taniya Chakraborty	Ethical Considerations in AI Driven Research-Navigating Challenges, Opportunities & Business Practices	04/08/2025 to 08/08/2025
38	Debadrita Sen	Ethical Considerations in AI Driven Research-Navigating Challenges, Opportunities & Business Practices	04/08/2025 to 08/08/2025
39	SREEJATA SEN SARMA	Research Excellence through Computational Empowerment	16-12-2024 — 20-12-2024
40	Dr. Arnab Bandyopadhyay	“Data Analysis and Decision Making with Statistical Software for Entrepreneur” organized by Manipal University Jaipur	27/08/2024-31/08/2025

41	Dr. Shashi Bajaj Mukherjee	NPTEL FDP on “Matrix Analysis with Applications”	Jul-Sep 2024 (8 week course)
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J. FACULTY RESEARCH PAPERS (Journals notified on UGC website during the year)

To be supported with first page of the publication details

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	DOI (if any)	Link to the recognition in UGC enlistment of the Journal	SCI/COPUS/UGC CARE ONLY	Publication with Student? Mention the names of the students
Mappings contracting axes of ellipse	Kushal Roy	BSH (Mathematics)	The Journal of Analysis	2024	2367-2501	10.1007/s41478-024-00819-z	https://mjl.clarivate.com://search-results?issn=0971-3611&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	ESCI	NA

Complementary deteriorating products within a flexible production system: A sustainable approach	Biswajit Sarkar, Nilkamal Bar, Shashi Bajaj Mukherjee , Isha Sangal, Rekha Guchhait	BSH (Mathematics)	RAIRO - Operations Research	2024	ISSN: 0399-0559; eISSN: 1290-3868	https://doi.org/10.1051/ro/2024093	https://www.rairo-ro.org/articles/ro/abs/2024/05/ro220654/ro220654.html	SCIE	NA
Continuous increasing consumer service for multi-item dual channel retail management	Sarmee Bose, Shashi Bajaj Mukherjee , Bikash Koli Dey, Biswajit Sarkar	BSH (Mathematics)	Journal of Retailing and Consumer Services	2024	ISSN: 0969-6989	https://doi.org/10.1016/j.jretconser.2024.103887	https://www.sciencedirect.com/journal/journal-of-retailing-and-consumer-service	SSCI	NA
	Paragkan	BSH (Chemistry)	Journal of Technology	2025	ISSN: 1012-3407	DOI:18.15001/JOT.2025/V13I5.25.1439	https://technologyjournal.net/	SCOPUS	NA

<p>Prediction of Different Water Quality Parameters using Regression Model</p>	<p>ti Chattopadhyay, Sumit Banerjee, Debasis Guha, Sourav Bhattacharya</p>								
<p>Prediction of Different Air Pollution Parameters using Machine Learning Approach</p>	<p>Paragkanti Chattopadhyay, Sumit Banerjee, Chandan Kumar Chanda, Sourav Bhattacharya</p>	<p>BSH (Chemistry)</p>	<p>Journal Of Technology</p>	<p>2025</p>	<p>ISSN: 1012-3407</p>	<p>DOI:18.15001/JOT.2025/V13I5.25.1481</p>	<p>https://technologyjournal.net/</p>	<p>SCOPUS</p>	<p>NA</p>

<p>Soil Microbiology Community Structure and Dynamic Enzyme Activity in the Degraded Soils of Paradeep Industrial Area</p>	<p>MANIK LAL GHOSH, AMARENDRA HARICHANDAN, PARESH NATH CHATTERJEE, MALAY KUMAR PRADHAN, and SOURAV BHATTACHARYA</p>	<p>BSH (Chemistry)</p>	<p>Asian Journal of Chemistry</p>	<p>2025</p>	<p>ISSN: 0970-7077 (print). 0975-427X (Online)</p>	<p>https://doi.org/10.14233/ajchem.2025.33903</p>	<p>https://asianpubs.org/index.php/ajchem/article/view/37631</p>	<p>Scopus</p>	<p>NA</p>
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<p>Formulation of estimator for population mean in stratified successive sampling using memory-based information</p>	<p>Sanjoy Majumder, Arnab Bandyopadhyay, and Arindam Gupta</p>	<p>BSH (Mathematics)</p>	<p>Statistics In Transition new series</p>	<p>2025</p>	<p>ISSN: 1234-7655</p>	<p>https://doi.org/10.59139/stattrans-2025-015</p>	<p>https://www.scopus.com/sourceid/21100407607</p>	<p>Scopus</p>	<p>NA</p>
<p>Advanced Biomedical Technology: Revolutionizing Healthcare. Journal of Neonatal Surgery</p>	<p>Rahul Xavier, Prajakta Naregalkar, Archana Bhat, Rohit Vasant Raskar, Saloni Bansal, Arnab Bandyopadhyay, Anurag Shrivastava</p>	<p>BSH (Mathematics)</p>	<p>Journal of Neonatal Surgery, 2226-0439, Vol. 14, Issue 6s.</p>	<p>2025</p>	<p>2226-0439</p>	<p>https://doi.org/10.52783/jns.v14.2181</p>	<p>https://www.scopus.com/sourceid/21101039171</p>	<p>Scopus</p>	<p>NA</p>

<p>Estimation of Population Mean Using Calibrated Weights in Stratified Random Successive Sampling in Presence of Incomplete Data</p>	<p>Pandey, M. K., Singh, G. N. and Bandyopadhyay, A. Mutum Zico Meetei, Abdullah A. Zaagan, Ali M. Mahnashi and Sanaa Al-Marzouki</p>	<p>BSH (Mathematics)</p>	<p>Journal of Mathematics</p>	<p>2025</p>	<p>2314-4629 </p>	<p>https://doi.org/10.1155/jom/6778010</p>	<p>https://mjl.clarivate.com//search-results?issn=2314-4629&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results</p>	<p>SCIE</p>	<p>NA</p>
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<p>A Study of Structural and Electrical Properties of CuxO Thin Films Prepared by r. F. Sputtering</p>	<p>Jayanta Pal and Santanu Kumar Patra</p>	<p>BSH</p>	<p>Prana Research Journal</p>	<p>June, 2025</p>	<p>ISSN: 2249-2976</p>	<p>DOI:16.10089.PRJ.2025.V15I06.25.106003</p>	<p>https://www.pramanaresearch.org/VOL-15-ISSUE-6-2025/</p>	<p>UGC Care</p>	<p>No</p>
<p>A Study of Structural and Electrical Properties of CuxO Thin Films Prepared by r. F. Sputtering</p>	<p>Jayanta Pal and Santanu Kumar Patra</p>	<p>BSH</p>	<p>Prana Research Journal</p>	<p>June, 2025</p>	<p>ISSN: 2249-2976</p>	<p>DOI:16.10089.PRJ.2025.V15I06.25.106003</p>	<p>https://www.pramanaresearch.org/VOL-15-ISSUE-6-2025/</p>	<p>UGC Care</p>	<p>No</p>

<p>Integrating Indian Mythology in Contemporary Soft Skills Training Programme to Enhance Employee Competence</p>	<p>Debadrita Sen</p>	<p>BSH</p>	<p>Journal for Research Scholars and Professionals of English Language Teaching</p>	<p>July, 2024</p>	<p>ISSN: 2456-8104</p>	<p>DOI: https://doi.org/10.54850/jrspelt.8.44.004</p>	<p>JRSP-ELT (ISSN: 2456-8104)</p>		<p>No</p>
<p>Contextualizing Shakespeare's Macbeth to Meet the Need for Strategic Communication in the Contemporary Professional World</p>	<p>Debadrita Sen</p>	<p>BSH</p>	<p>Journal for Research Scholars and Professionals of English Language Teaching</p>	<p>September, 2024</p>	<p>ISSN: 2456-8104</p>	<p>DOI: https://doi.org/10.54850/jrspelt.8.45.002</p>	<p>JRSP-ELT (ISSN: 2456-8104)</p>		<p>No</p>

Inculcating Soft Skills as a Component in Professional Courses for Sustainable Development	Debadrita Sen	BSH	The Review of Contemporary Scientific and Academic Studies	February, 2025	ISSN: 2583-1380	DOI: https://doi.org/10.55454/rccsas.5.02.2025.009	https://therccsas.com/	No
A Novel Similarity Measure for Interval Value Picture Fuzzy Environment and Extended TOPSIS	Sudip Kumar Gorey, Avijit De	BSH	Research & Reviews: Discrete Mathematical Structure	13 th August, 2024	ISSN: 2394-1979		https://journals.stmjournals.com/rrdms/	No

K. FACULTY CONFERENCE PAPERS / BOOK CHAPTERS

S l. N o .	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Year of publication	ISBN /ISSN number of the proceeding	DOI (if any)	Affiliating Institute at the time of publication	Name of the publisher	Publication with Student ? Mention the names of the students
1	SREEJAT A SEN SARMA		Pricing strategy for price-quality differentiated products under the Bass Diffusion Model	International Conference on Recent Advances in Operations Research & Business Analytics(ROARB A-2024)	International Conference on Recent Advances in Operations Research & Business Analytics	International	2024	ISBN 978-81-19524-01-3		Dr. B. C. Roy Engineering College		
2	Jaya Mukhopadhyay		Crowdsourced Project Selection in Tourist Spots with Voting in Smart Cities	Decision Science Alliance International Summer Conference 2024 (DSA ISC 2024)	Decision Science Alliance International Summer Conference 2024 (DSA ISC 2024)	International	2024	LNCS 14779	https://doi.org/10.1007/978-3-031-78241-1_10		Springer Nature	

3	Paragkanti Chattopadhyay, Sumit Banerjee, Susanta Karmakar, Kalpana Roy, Monalisa Chakraborty, Sourav Bhattacharya	Prediction of Air Pollution with Polynomial Regression Model	Proceedings of First Global Conference on AI Research and Emerging Developments (G-CARED 2025)	Proceedings of First Global Conference on AI Research and Emerging Developments (G-CARED 2025)	International	2025	ISBN: 978-93-343-1044-3	DOI: 10.6316/9/GCARE/D2025.p15	Dr.B.C.Roy Engineering College	Ganitar a Research h Founda tion	N.A.
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4	Dr. Abhik Mukherjee	"An analysis of Select Hindi and Bengali Films from Feminist Perspective."	n/a	Recent Developments and Applications in Materials Science and Engineering RDAMSE 2025	National		ISBN: 978-81-972143-3-2	n/a	XIM University Bhubaneswar	Neyan Publication, Vellore	n/a
5	Dr. Arnab Bandyopadhyay	Formulation of General Estimation Strategy for Population Variance under Two-Phase Cluster Sampling	Proceeding of International Conference on "Recent Developments and Applications in Materials Science and Engineering RDAMSE 2025"	MULTIDISCIPLINARY RESEARCH ON INTEGRATING KNOWLEDGE FOR SUSTAINABLE FUTURE IN GLOBAL OUTLOOK	International	2024	ISBN: 978-81-983133-3-1, pp. 149-150	n/a	Dr. Sudhir Chandra Sur Institute of Technology, Kolkata	Proceeding publication	n/a
6	Dr. Arnab Bandyopadhyay	Development Chain Regression-Product Type Estimation	Proceeding of INTERNATIONAL CONFERENCE PROCEEDINGS ON MULTIDISCIPLINARY RESEARCH ON INTEGRATING KNOWLEDGE FOR SUSTAINABLE FUTURE IN GLOBAL OUTLOOK		International	2025	ISBN: 978-81-980794-9-7, pp. 68-78	n/a	DMI – St. John the Baptist University, Malawi, Central Africa		n/a

L. WORKSHOPS/SEMINARS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR), ENTREPRENEURSHIP, OR ANY OTHER RELEVANT TOPICS OF ENGINEERING / SOCIAL IMPORTANCE OR PROFESSIONAL SOCIETY ACTIVITIES, EVENTS, CONFERENCES ORGANIZED OR FACULTY DEVELOPMENT PROGRAM ORGANIZED DURING THE YEAR

(The events should be supported with an even report along with Geotagged Photographs. Event report should include Circular, Brief Description of Seminar, Some photographs, Attendance of participating students/ faculty)

Year	Name of the Event	Number of Participants	Date From – To	Type of Activity	Event Reports are prepared and submitted in data repository (Yes /No)

M.STUDENT REGISTRATION AND ENROLMENT DETAILS

This should include the admitted student for the academic year and the all other students who are enrolling during the odd semester.

Supporting documents for category and state of domicile must be maintained

Supporting documents for scholarships must be maintained.

Supporting documents for placement must be maintained.

Supporting documents for students progressing to higher studies must be maintained.

Supporting documents for students appearing for different examinations must be maintained.

N. FEEDBACK (STUDENT, PARENT, ALUMNI)

Whether the feedback is taken and action taken reports are prepared. Course end feedback and Program end feedback are required.

O. STUDENT MENTORING SYSTEM:

Whether the mentors keeping the records of mentor mentee details and updating the same regularly.

S.No	Roll No	Name of the Student	Name of Mentor	Remark
1.				

P. Departmental Budget and Utilization report

To be supported with detail approvals, work orders, bills, and entry to stock register.

Dr. B. C. Roy Engineering College Durgapur

Department : Basic Science & Humanities

Estimated Budget & Utilization for the FY : 2024-2025

Sl	HEADS OF EXPENDITURE	Budgeted Amount	Actual Amount (as on Date)
	A) Non -Recurring Expenditure		
1	LABORATORY EQUIPMENT		
a.	EQUIPMENT	1,35,000	1,08,300
b.	Apparatus		
c.	COMPUTER & ACCESSORIES	11,30,000	11,23,242
2	INFRASTRUCTURE		
a.	Building (Civil Infrastructure) A/c	-	-
b.	Laboratory Civil Infrastructure Development A/c	-	51,127
c.	Laboratory Infrastructure Development A/C	-	-
d.	Other Assests (Furniture & Fixture and Plant Mach.)	18,000	-
3	SOFTWARE	6,50,000	3,68,160
4	BOOKS		
a.	Library Books	-	-

b.	Book Bank	-	
	B) Recurring Expenditure		
1	LABORATORY CONSUMABLES	85,000	1,09,929
2	MAINTENANCE & SPARES		
a.	A.M.C.	90,000	75,264
b.	Repairs & Maint. (Laboratory)	10,000	-
c.	Repairs & Maint. (others)	-	720
d.	Binding of Books & Periodicals	-	-
3	LICENCE FEE FOR SOFTWARE (Annual)	-	-
4	RESEARCH & DEVELOPMENT	50,000	5,273
5	TRAINING & TRAVEL	-	-
6	CONFERENCE,FDP,SEMINAR ,W/S ,PROJECTS EXP. & STUDENT ACTIVITIES	50,000	24,376
7	JOURNAL SUBSCRIPTION / PRINTING		
a.	Journal	-	-
b.	e-Journal	-	-
c.	Magazine (Print)	-	-
8	Misc Exp/Contingencies	24,000	16,844
	TOTAL	22,42,000	18,83,235



Signature of the Departmental Budget Committee

Signature of the H.O.D.

Q. ANY BEST PRACTICE FOLLOWED BY THE DEPARTMENT

Best practice with supporting details of implementation

The communication skill support services, provided by BCREC functions at two stages:

1. Language and communication skill development in 1st & 2nd Semester (B.Tech Programs)
2. Soft skill Training for 6th and 7th Sem (B.Tech Program, MBA as well as MCA) students
3. These are non-coded, non-credit sessions designed to support the communicatively challenged learners at BCREC and prepare them for placement at the end of their course

R. OTHER PARAMETERS

S.No.	Criterion	Items	Mention (Yes/ No)	Comments (Mention Percentage / Counts / Figures / Comments as and where applicable)
1.		Professional memberships (in%)	Yes	3/19 (15.8%)
2.		Seminars/ conferences/ workshops attended (in%)	Yes	7/19 (36.8%)
3.		Books/Book chapter published by faculty (in%)	Yes	5/19 (26.3%)

4.	Faculty Contribution	Publications in SCI/Scopus indexed journals(in%)	Yes	6/19 (21%)
5.		Publications in other journals(in%)	No	0 (0%)
6.		Publications in International conferences (in%)	Yes	5/19 (26.3%)
7.		Publications in National conferences (in%)	0	0 (0%)
8.		FDP/Training Program attended (in %)	Yes	18/19 (94.7%)
9.		Preparation of E- learning materials/ Content(in %)		
10.		Acted as resource persons(in%)	Yes	2/19 (10.5%)
11.		PhD awarded/ registered/enrol led (considering only M.Tech/MCA/M Sc. Faculty)	No	0 (0%)
12.		PhD Guidance	Yes	2/19 (10.5%)

		(considering only PhD Faculty) (in%)		
13.		Sponsored Projects completed/ongoing (in nos)	No	0 (0%)
14.	Departmental Infrastructure	No. of classrooms & tutorial room (considering 2 nd year onwards)	NA	
15.		No. of laboratories	6	
16.		No. of computers - for teachers	8	
17.		No. of computers - for students	37	
18.		No. of instruments for research	1	
19.		No. of Printed Books added in dept. library	No	
20.		No. of Web-resources CDs added in dept. library	No	

21.		No. of e-Books added in dept. library	No	
22.		New Equipment and Infrastructure Added (Y/N)	N	
23.	Student Profile	Students admitted vs. Sanctioned Strength (without TFW) (in%)	NA	
24.		Students admitted vs. Sanctioned Strength (for TFW only) (in%)	NA	
25.		Students admitted vs. Sanctioned Strength (lateral entry) (in%)	NA	
26.		Students involvement in extra-curricular & Co-curricular activities (in%)	NA	
27.		Study tour / industrial visits / exhibitions (in %)	NA	

28.		Internship (in%)	NA	
29.		Training(in%)	NA	
30.		Achievements (in nos.)	No	
31.	Curriculum Transaction	Teaching methods & teaching aids	Class Lecture in class room and smart class room with chalk duster , projector, video lecture and canvas/google classroom LMS	
32.		E-learning modules (in%)		
33.		Project work UG (outcome)	Yes	1/19 (5.26%)
34.		Internal assessment components – Uniqueness	No	
35.		Student support – remedial coaching (in nos.)	No	
36.		Parents meeting – Evaluation of student’s progress (in nos.)	NA	

37.		Feedback from students (in % of students)	NA	
38.		Steps taken on the feedback	NA	
39.		Syllabus coverage (in%)	90%	
40.		Lab classes held according to timetable (in%)	100%	
41.	Activities of the Department	MoUs signed (in nos.)	0	
42.		Consultancy (in nos.)	0	
43.		Collaborations (in nos.)	0	
44.		Association Meetings (in nos.)	NA	
45.		Guest lectures (in nos.)	1	
46.		Conference / Seminar / Workshop conducted (in nos.)	1	
47.		Extension Activity (in nos.)	0	

A. SWOTANALYSIS:

SWOC	ANALYSIS
STRENGTH:	Highly Qualified and experienced faculty members having PhDs and postdocs from IITs, NITs, SITs and other esteemed Institutions of National or Global importance. They are highly dedicated and well mannered, having inherent skills for teaching. We have good classroom infrastructure, tutorial rooms, one smart classroom and well equipped undergraduate laboratories.
WEAKNESS:	Lack of dedicated Research Laboratory and other Research facilities. It would be great if all class rooms are equipped with overhead projector facilities.
OPPORTUNITIES:	A Research Laboratory is under process, facilities are being improved, and encouragement is given to the faculty members with special leave, registration fees reimbursement, award money for paper publications in SCOPUS index Journals, Conferences etc. A R&D budget of 5,00,000/- is made available for the department. A few analytical instruments have been already purchased. Multidisciplinary add on courses are to be floated for the holistic developments of the students, B.Tech project activities and subsequent publication and student collaboration.
CHALLENGES:	Class room attendance of the students (75% mandatory attendance for all) are to be improved. Application based questions are to be included in all the question papers. Students should be made more motivated for research activities and hands on work, more practical and real life problem solutions

Signature of the HoD with Date and Stamp:

Comments of the auditors

Signature of the Auditors (With Date): 1.

2.

3.

Signature of the IQAC Coordinator with Date and Stamp:

Any Comments by External Auditor

Signature of External Auditor with Date