



JIS COLLEGE OF ENGINEERING
AN AUTONOMOUS INSTITUTION

JIS College of Engineering

Ref. No.JISCE/IQAC/2024/03

Dated: 19.09.2024

NOTICE

The members of IQAC are hereby requested to kindly make it convenient to attend the the 3rd Calendar meeting under autonomous framework on **26th September, 2024 from 11.30 am** onwards.

Venue: Room No. 110.

Agenda:

- 1. Approval of the Deployment of Strategic Plan 2019-2024*
- 2. Analysis of the feedback from stakeholder for even semester*
- 3. Review of faculty feedback for even semester*
- 4. Result analysis for even semester*
- 5. Review of requirement- Building, Laboratories, Library, Faculty & Staff*
- 6. Review of Extra Curricular, Co Curricular, Social Services, extension and Student Club activities*
- 7. Analysis of Admission status.*
- 8. Review of Alumni Activity, Conduction of Alumni Meet*
- 9. Review of NIRF ranking of current year & recommendation for subsequent years*
- 10. Review of NBA status of various departments*
- 11. Progress regarding IDP framework as per UGC guidelines*

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Dr. Sandip Ghosh
Director IQAC
JIS College of Engineering, Kalyani
Contact No.: 7003772535/7278866095

Copy:

Principal

All members

JIS College of Engineering

(An Autonomous Institute)

Block 'A', Phase-III, Kalyani, Dist – Nadia, Pin – 741235

Minutes of the IQAC Meeting held on 26th September 2024 from 11:30 a.m onwards at

Date: 26/09/2024 **Venue:** Room No 110

Members Present:

1. Dr. Partha Sarkar, Principal, JISCE
2. Dr. Sandip Ghosh, Director - IQAC, JISCE
3. Dr. Biswarup Niyogi, Dean R&D, JISCE
4. Dr. Bikramjit Sarkar, Member IQAC
5. Dr. Suparna Dasgupta, Member IQAC
6. Ms. Debodyuti Upadhaya, Member IQAC
7. Dr. Moumita Pal, Member IQAC
8. Dr. Jit Chakraborty, Member IQAC
9. Dr. Anal Ranjan Sengupta, Member IQAC
10. Ms. Arpita Basu, Library, Member IQAC
11. Mr. Partha Ray, COE, Invitee
12. Mr. Debasish Shanki, Dy Registrar, Invitee
13. Mr. Suvendu Banerjee, System Admin, Invitee
14. Dr. Karabi Ganguly, Head BME, Invitee
15. Dr. Uddipta Ghosh, Head CE, Invitee
16. Dr. Alok Kumar Srivastava, Head EE, Invitee
17. Dr. Sitanath Biswas, Head CST, Invitee
18. Dr. Shyam Sundar Santra, Associate Dean R&D, JISCE
19. Mr. Subhajit Basu Chowdhury, Dean Student Affairs, Invitee

Members Absent:

1. Dr. Anindya Guha , Head MBA, Invitee
2. Dr. Sandip Bag, Member IQAC
3. Ms. Nabanita Sarkar, Head AGE, Invitee
4. Dr. Indranath Sarkar, Invitee
5. Mr. Harsh Kumar Shaw, Student representative
6. Mr. Raja Chowdhury, Alumni Representative
7. Dr. Ashit Kr. Sen, Principal Pannalal Institution, Kalyani, Local Society.

8. Mr. Rajendra Rout, GAPCON, Member from Industry
9. Dr. Kanu Gopal Pilsima, Electro Steel Casting Ltd.

Proceedings of the Meeting:

With the permission of the chair Dr. Partha Sarkar, Principal JISCE, the discussion was initiated by Dr. Sandip Ghosh with the welcome notes. At the onset Dr. Ghosh presented the Action Taken Report on the basis of last meeting minutes, and the same was approved by Dr. Sarkar.

Following major topics have been discussed by IQAC in the meeting:

Agenda Item 1. Approval of the Deployment of Strategic Plan 2019-2024

Discussion: The deployment of strategic plan 2019-24 [Annexure –I] was presented and several achievements were appraised by all members.

Resolution: To meet all remaining targets, resolution was taken to prepare a consolidated plan for the next 5 years before next IQAC meeting.

Agenda Item 2. Analysis of the feedback from stakeholder for even semester

Discussion: The analysis of the feedback collected from the students regarding teaching learning and other facilities for the last even semester 2024 [Annexure –II] was presented and discussed.

Resolution: All head of the departments was advised to further improve in relevant aspects to maintain the quality education and other services. Review of library & reading room usage was clarified. It was advised to increase the no of student participation in the next feedback session through mentors. It was also discussed, that in future a process of student selection may apply for eligibility regarding feedback process.

Agenda Item 3: Review of faculty feedback for even semester

Discussion: The teaching learning feedback collected for all courses across the department was discussed.

Resolution: All departmental HODs were advised to conduct separate meetings to decide further course of action regarding courses with relatively poor feedback.

Agenda Item 4. Result Analysis for even semester

Discussion: Result Analysis for the Even Semester examination was presented [Annexure-III] and it was discussed that there has been improvement in comparison to previous year.

Resolution: Head of the Department of basic Science was advised to arrange 3 extra classes /week for 1st year Physics and Maths for lateral students and lately admitted 1st year students.

Agenda Item 5. Review of requirement- Building, Laboratories, Library, Faculty & Staff

Discussion: Review of departmental requirements regarding Building, Laboratories, Library, Faculty & Staff was done. New appointments and resignations happened in various departments were presented. Librarian Ms. Basu, confirmed about that some of the books for new department CST and CSE(AIML) have been delivered.

Resolution: All departments should take care of all the requirements time to time and place in front of purchase committee after passing all the requirements in departmental academic committee meetings.

Agenda Item 6. Review of Extra Curricular, Co-Curricular, Social Services, extension and Student Club activities

Discussion: Various extra academic, co-curricular, Social service through NSS and other club activities held in the 2024 were presented in the meeting.

Resolution: The report was appreciated and it was advised to continue various Social Services and Student Club activities on respective occasions.

Agenda Item 7. Analysis of Admission status

Discussion: Detailed analysis of the present status of Admission 2024 was presented [Annexure–III]. A location wise admission analysis revealed that admitted students mostly belong to adjacent districts. A downfall in admission from Tripura was also observed, while admission from Midnapur district was found to increase.

Resolution: Admission team was advised to enhance their reach by conducting collaborative programs with various schools in different districts.

Agenda Item 8. Review of Alumni Activity, Conduction of Alumni Meet

Discussion: Alumni activities held in the year 2024 were presented and discussed.

Resolution: It was advised to increase no of alumni interaction to build a strong alumni network useful in getting industry oriented inputs.

Agenda Item 9. Review of NIRF ranking of current year & recommendation for subsequent years

Discussion: It was reported that JIS College of Engineering has achieved a rank band of 201-300 in NIRF ranking 2024. All concerned members of the NIRF committee were appraised. A detailed analysis was presented by Dr. Soumyabrata Saha, HOD-IT, JISCE.

Resolution: A New NIRF committee was proposed and approved in the meeting.

Agenda Item 10. Review of NBA status of various departments

Discussion: Review of NBA status of various departments was done.

Resolution: Departments which are going to face the NBA visit, were advised to complete all of their necessary preparations.

Agenda Item 11. Progress regarding IDP framework as per UGC guidelines

Discussion: Detailed understanding of the framework is necessary.

Resolution: A separate committee to be formulated which will take care of the IDP framework.

Miscellaneous:

- I. Academic Audit of the institution will be held after Durga Puja vacation.
- II. IQAC was reconstituted and the new committee was presented in the meeting by the Chairman of IQAC. Newly suggested representatives from students and Alumni have been discussed.
- III. Annual Cultural Fest 'maJIStic 2K24' was organized on 12th and 13th April 2024 which hosted include inter-college and inter-school competitions.
- IV. International Conference ICEMSSSED 2024 was held on 26-27th April 2024.
- V. BME Department have received a research grant from AICTE in September 2024. A tie up between BME Department and GNIDSR has been established.

Meeting ended with a vote of thanks by Dr. Ghosh. to all the members.



Prepared by

Dr. Sandip Ghosh
Director, IQAC
JIS College of Engineering

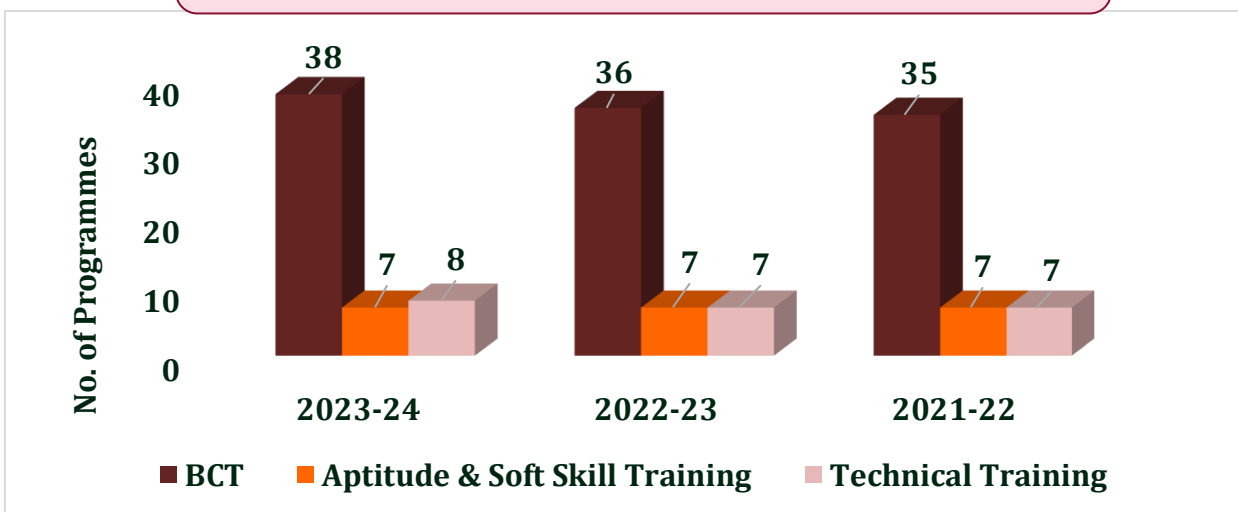
Approved By,

Dr. Partha Sarkar
Principal
JIS College of Engineering

Annexure – I Deployment of Strategic Plan 2019-2020

STUDENT-CENTRIC TEACHING AND LEARNING	
PLAN	DEPLOYMENT
Introduce multidisciplinary modern courses and avenues for skillset enhancement.	Launched 3 multidisciplinary courses focusing on areas like AI, IoT, Industry 4.0, and sustainability.
	Conducted curriculum reviews in the year 2021 & 2023 to align with industry standards.
Modernize infrastructure and laboratories.	Upgraded 15 classrooms to ICT-enabled facilities and established 5 new smart classrooms by 2024.
	Modernized laboratories with cutting-edge equipment.
Enhance skill development programs for students.	Conducted 24 skill development programs , targeting 1,000 students to improve communication, personality, aptitude, and technical skills.
Publish feedback analysis reports.	Automate feedback collection, ensuring 75% participation from students and faculty each semester.
	Publish feedback results quarterly.

Training Programs Conducted by the Institute



IMPROVEMENT OF ACADEMIC DELIVERY	
PLAN	DEPLOYMENT
Provide interactive videos for course accessibility.	Created and upload around 4000 hours of video lectures , covering 100% syllabus by 2024.
Conduct interactive sessions in ICT-enabled classrooms.	Schedule bi-weekly interactive sessions for core courses in ICT-enabled classrooms.
Train students in industry-required skills.	Conducted beyond curriculum training on advanced areas, aptitude training, industry visits, and communication workshops, targeting 100% graduating students.
Conduct training need analysis for student programs.	Conducted training need analysis in every semester.
PROMOTION IN INTERDISCIPLINARY RESEARCH	
PLAN	DEPLOYMENT
Mobilize new sources of research funds.	Secured ₹1 crore from funding agencies like DST, AICTE, and industries.
Undertake funded projects with reputed universities.	Signed MOUs with universities for collaborative research.
Incentivize research and interdisciplinary activities.	Implemented cash rewards of ₹2,000–₹10,000 for faculty publishing in SCOPUS/SCI journals.
Increase student participation in research.	Achieved around 30% student involvement in research.
Provide advanced research infrastructure.	Upgraded 3 interdisciplinary research labs with state-of-the-art facilities.

FOCUS ON ACCREDITATIONS AND RANKINGS	
PLAN	DEPLOYMENT
Achieve accreditations.	Ranked in NIRF Innovation 101 - 150 in 2023 and in Engineering 201 - 300 in 2024 .
	Secured NAAC A accreditation in 2022 .
Improve Institutional Innovation Council ranking.	Hosted 10 innovation-driven events, targeting patents and startups.

SL NO.	ENTERPRISE/ STARTUP NAME	FOUNDER NAME	MSME / UDYAM REGISTRATION NO	SL NO.	ENTERPRISE/ STARTUP NAME	FOUNDER NAME	MSME / UDYAM REGISTRATION NO
1	SPARKHUB	DWAIPAYAN GHOSH	UDYAM-WB-15-0058903	15	CODULER	UPASANA CHATTOPADHYAY	UDYAM-WB-15-0058948
2	TECH X	AYUSH DATTA	UDYAM-WB-15--0058898	16	WHERE TO GO	RITAM SAHA	UDYAM-WB-15-0058950
3	CODIFIER	SAIKAT PARUA	UDYAM-WB-15-0058894	17	QUANTUMBYTE	ANKUSH SAHA	UDYAM-WB-15-0058976
4	BREAKTHU	CHAHAT KUMAR JHA	UDYAM-WB-15-00511902	18	DIGIDENONE	CHIRAG NAHATA	UDYAM-WB-15-0058899
5	QUANTUMSHIELD	SAHELI GHOSH	UDYAM-WR-15-0058905	19	OKAY.	ARKA RAJAK	UDYAM-WB-15-0020193
6	TECHF1	PRITAM KUMAR DAS	UDYAM-WB-15-0058903	20	MEDIA CANOPY	SOUVICK KUMAR GUHA	UDYAM-WB-15--0020122
7	CHARGE DUO	AYUSH CHATTERJEE	UDYAM-WB-15-00511197	21	E-ATTENDANCE	ARPAN MITRA	UDYAM-WB-15-0020139
8	ARTSY AESTHETIC CREATIONS	DONA NANDI	UDYAM-WB-15-00589011	22	AGRI	ALLEN VIVIAN LAKRA	UDYAM-WB-15--0020147
9	INNOVENTURES	AYAN SARKAR	UDYAM-WB-15-0058907	23	O'CLOCK TRAVEL BANK	BIDISHA BAIDYA	UDYAM-WB-15-0020138
10	BLOSSOM	BIKI MUKHERJEE	UDYAM-WB-15--0058896	24	FASCINATING DESIGNERS	RIA GHOSH	UDYAM-WB-15--0020136
11	NEURALABS	ABHINABA BISWAS	UDYAM-WB-15-0058910	25	DEVISWORLD	NAMRATA PAL	UDYAM-WB-15--0020155
12	KHAO PIYO KHUSH RAHO	MILIND KUNDU	UDYAM-WB-14-0145811	26	SHIELD NET	SOUSAMYA SAHA	UDYAM-WB-15--0020141
13	CRAFTOSPHERIA	SOUMYADIP SARKAR	UDYAM-WB-15-0058912	27	SQUARE SPACE	PRIYANKA CHAKRABORTY	UDYAM-WB-15-0020194
14	WEB DADDY	SNEHAL BHOWMICK	UDYAM-WB-15-0058978	28	THIRD EYE	PRIYANSHU PAL	UDYAM-WB-15--0020156
	29	THINK NXT MEDIA	Subrata Middya			UDYAM-WB-16-0007913	

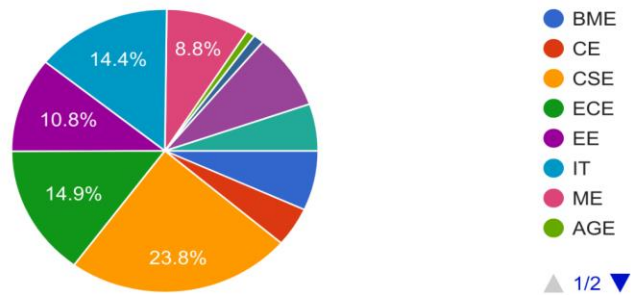
IMPROVEMENT IN INDUSTRY ENGAGEMENT	
PLAN	DEPLOYMENT
Expand start-up incubation centres.	Increased support to 65 projects, leading to 29 start-ups..
Strengthen industry partnerships.	Signed 25 new MOUs with industries for internships, projects, and expert talks.
Enhance placement services.	Organize 20 placement drives, achieving a 81% placement.

INTERNATIONAL FOOTPRINT	
PLAN	DEPLOYMENT
Collaborate with international institutes.	Established 10 new international MOUs for joint projects and student exchanges.
Host international conferences and workshops.	Organized 9 international conferences and 20 workshops, inviting global experts.
Integrate global trends into the curriculum.	Added 5 modern subjects, aligned with global technology advancements.
FACULTY AND STAFF DEVELOPMENT	
PLAN	DEPLOYMENT
Conduct FDP/STTP programs for faculty.	Organized 20 FDPs.
Support higher education for faculty.	Provided financial assistance to 10 faculty members for Ph.D., Publication of Patent, attending FDP and certification programs.
Offer performance-based rewards.	Allocated ₹56 lakhs to faculty members excelling in teaching and research.
RESOURCE AND FACILITY ALLOCATION	
PLAN	DEPLOYMENT
Upgrade IT and library infrastructure.	Added 250 computers, increased network bandwidth to 1 Gbps, and expanded the library with 10,000+ e-resources.
Allocate financial resources.	Maintained an annual budget of ₹2 crore for R&D.
QUALITY ASSURANCE AND MONITORING	
PLAN	DEPLOYMENT
Track patents and publications	Published 160 patents with 17 patents granted.
	Total Scopus/SCI/WOS publication is 700+
Collect feedback for continuous improvement.	-Achieved 90% stakeholder feedback participation for course and institutional improvement.
Revise program outcomes based on KPIs.	Update 10% of program outcomes using feedback and KPI reviews.

Annexure – II Even Semester Student Feedback 2023-24

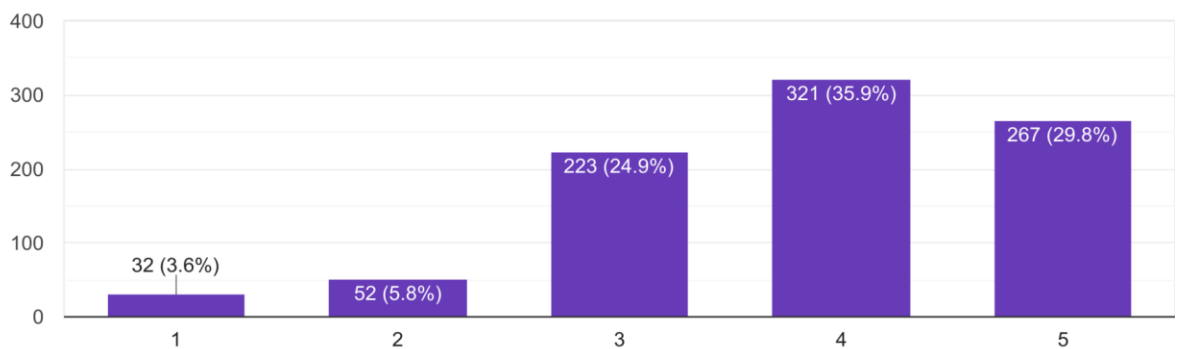
Department

895 responses



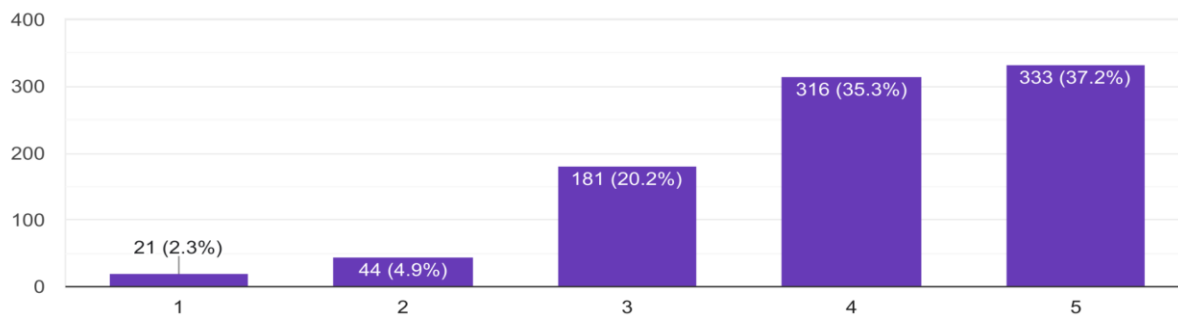
Rate the curriculum and syllabus in terms of modernization and industry orientedness

895 responses



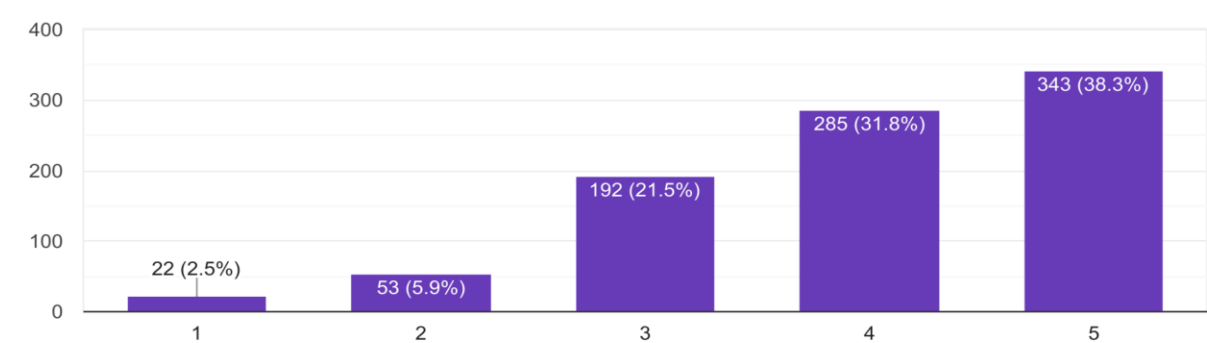
Rate the overall Teaching Learning process in terms of regularity of class, teaching method, subject understanding

895 responses



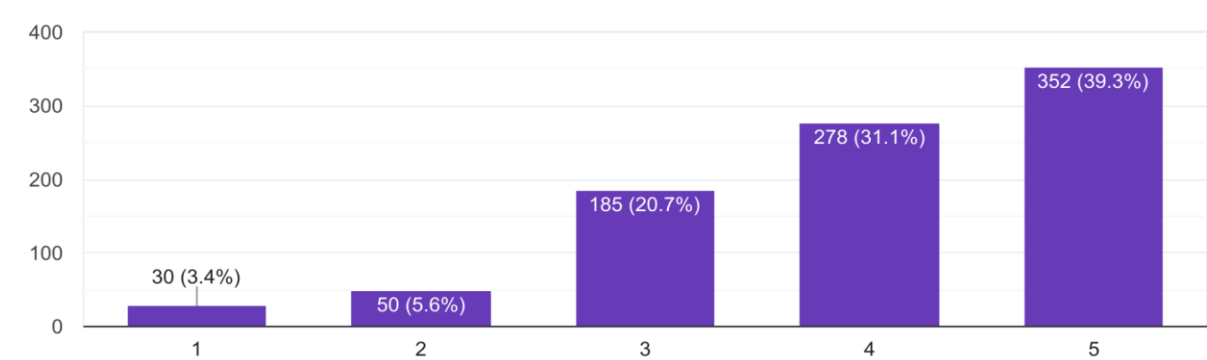
Rate the overall Teaching Learning process in terms of content delivery by faculties, innovative approaches

895 responses



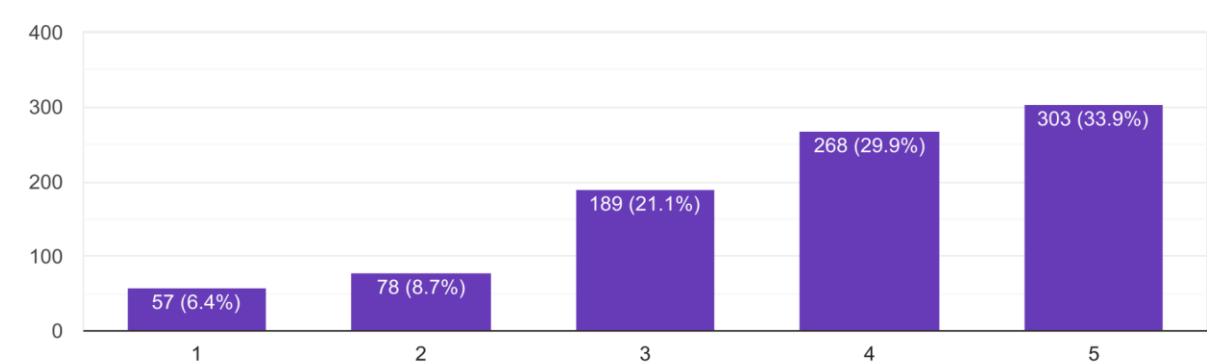
Rate the overall Teaching Learning process in terms of laboratory infrastructure

895 responses



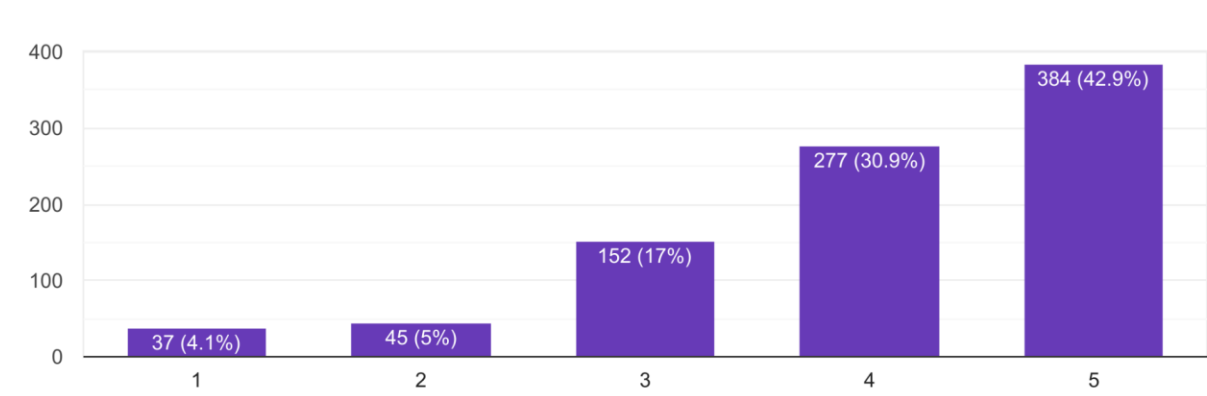
Rate the overall Teaching Learning process in terms of training and internship opportunities

895 responses



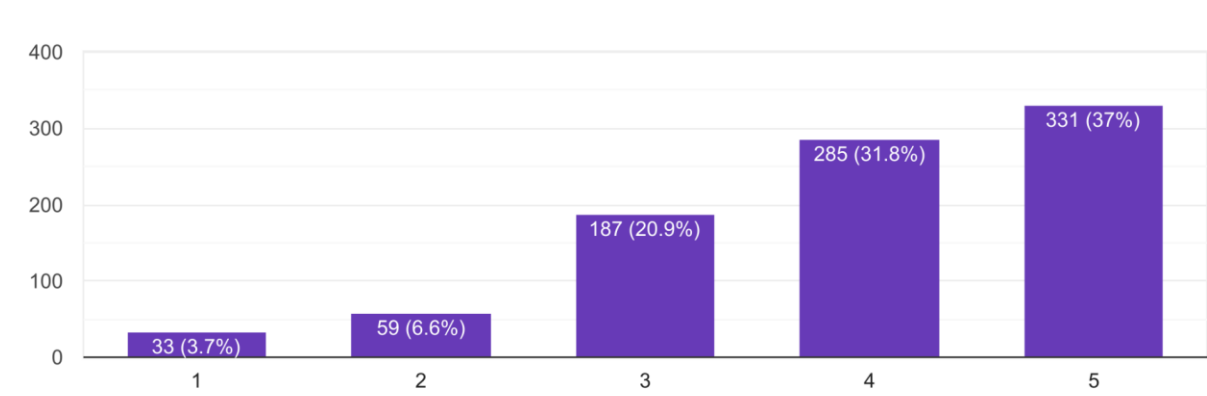
Rate the student support system in terms of mentorship, interaction and guidance

895 responses



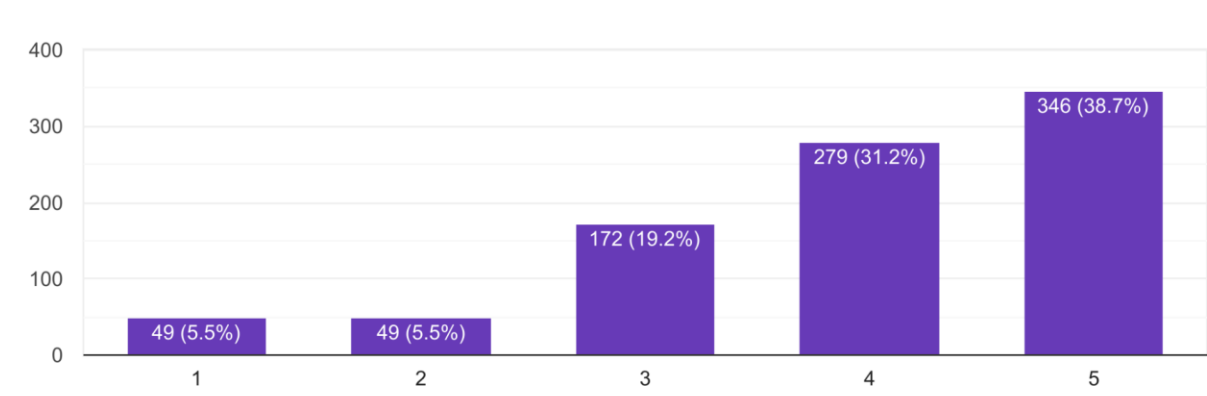
Rate the student support system in terms of lecture notes, Lecture videos and guidance

895 responses



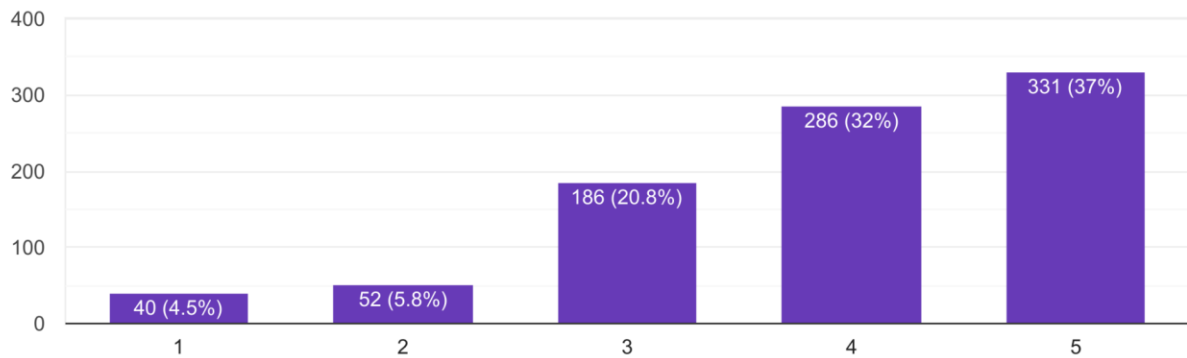
Rate the student support system in terms of Library and reading room access

895 responses



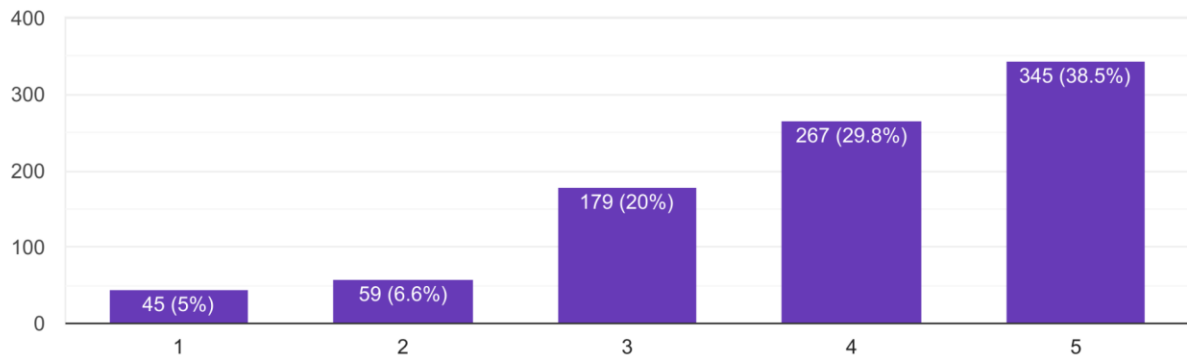
Rate the various Club activities of JISCE in terms of programs conducted

895 responses



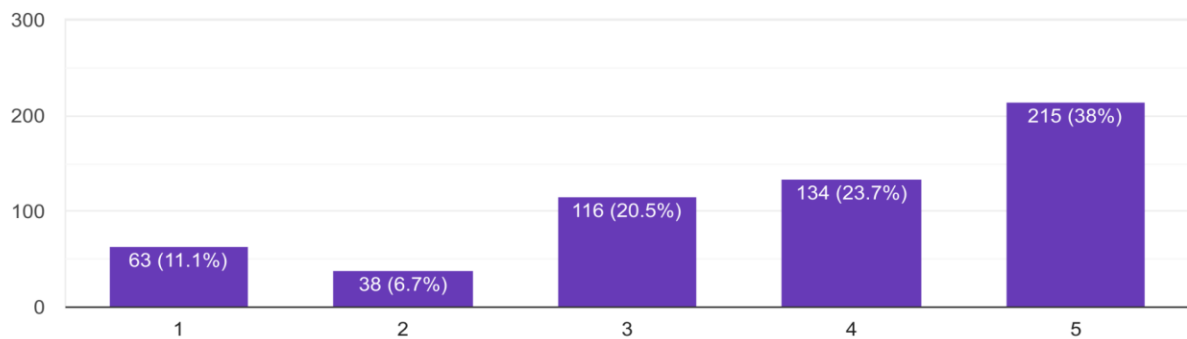
Rate the sports activities of JISCE in terms of events conducted

895 responses



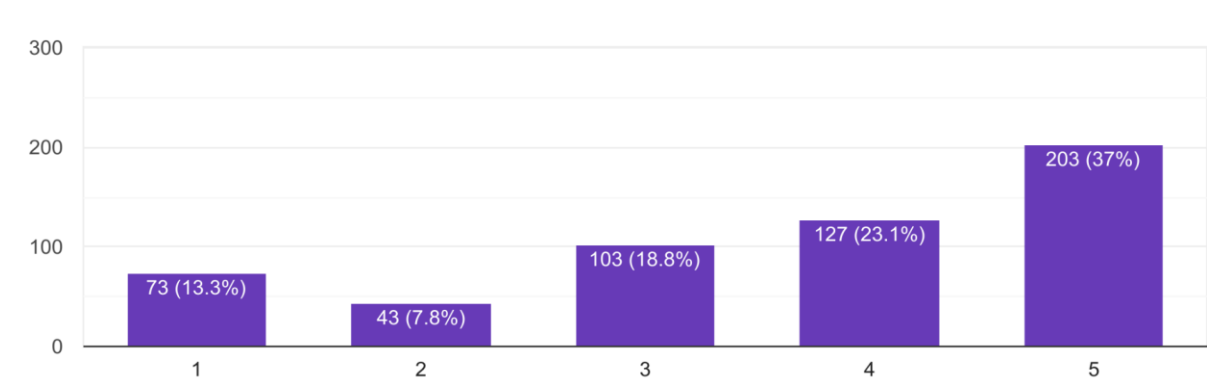
Rate the hostel living at JISCE in terms of room, security and internet service (if you are a hostel boarder)

566 responses



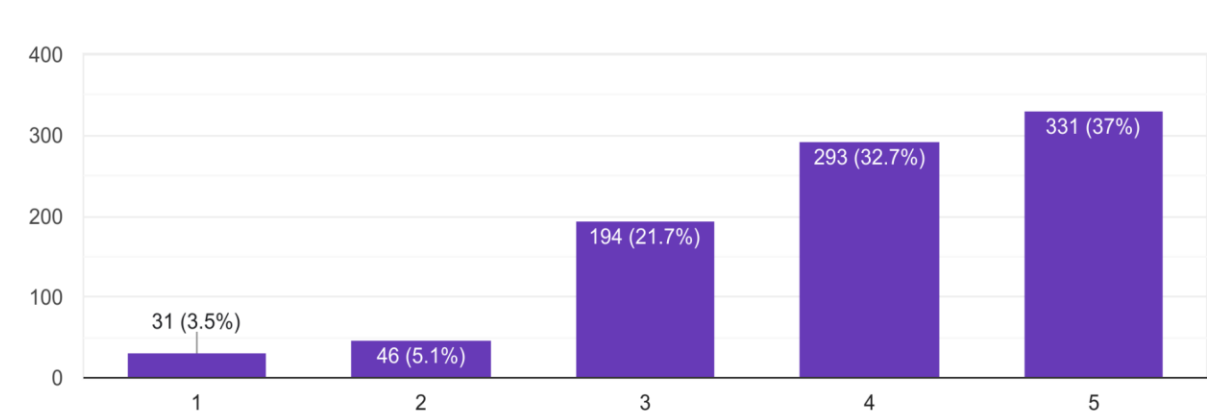
Rate the hostel living at JISCE in terms of food and other facilities (if you are a hostel boarder)

549 responses



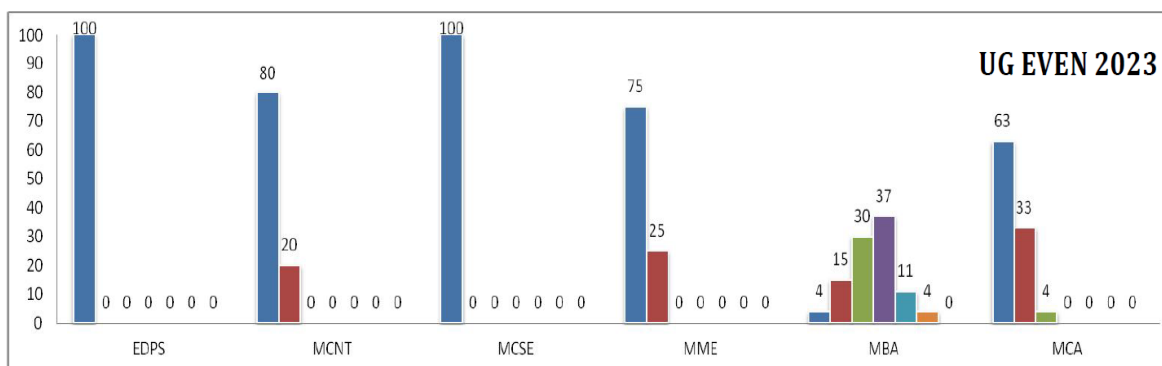
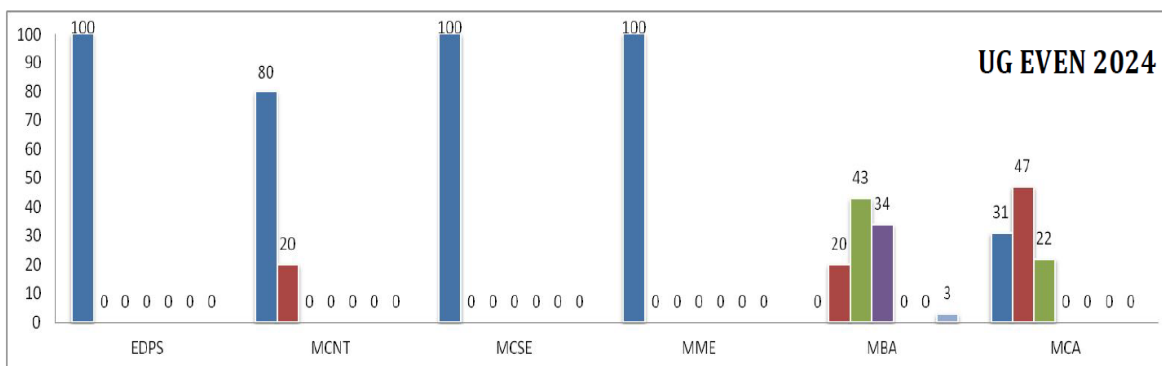
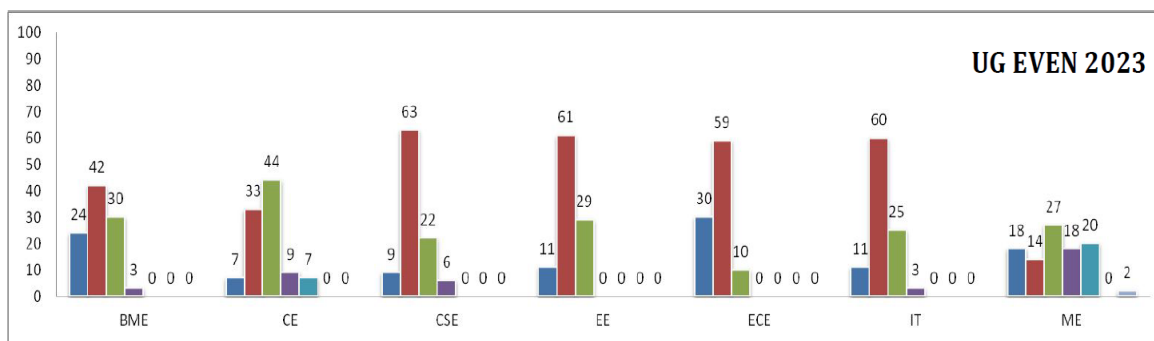
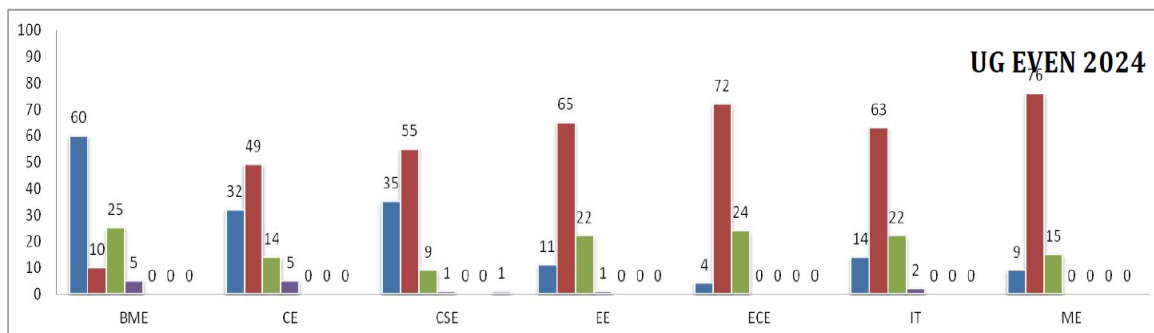
Rate the overall campus of JISCE in terms of campus ambiance and administrative support

895 responses



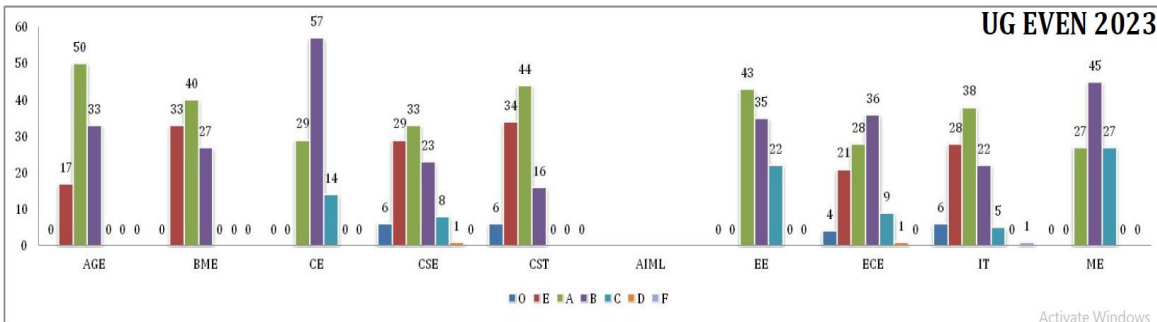
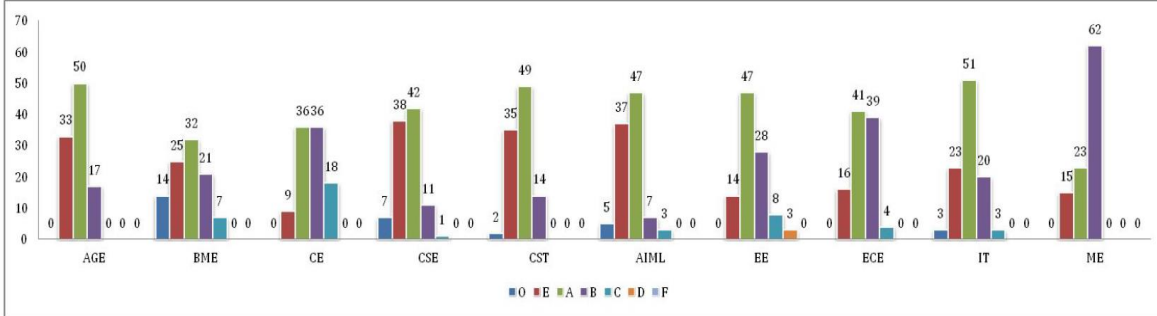
Annexure – III Result Analysis of the Even Semester

8th Semester



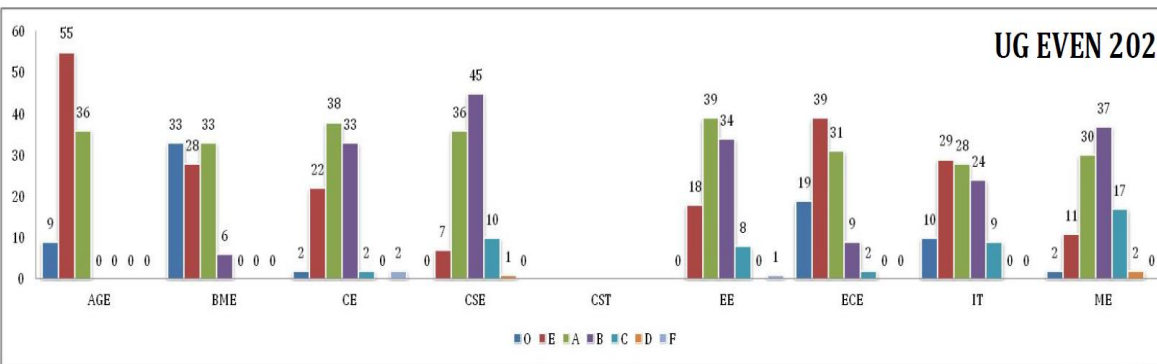
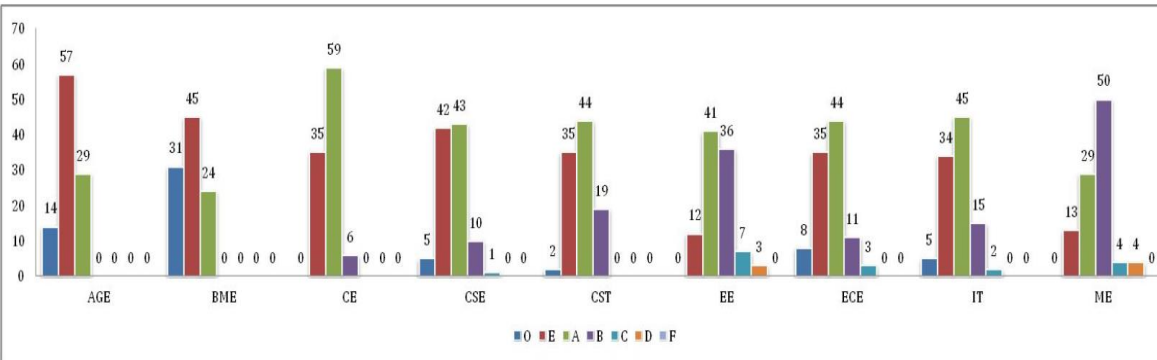
2ND SEMESTER

UG EVEN 2024



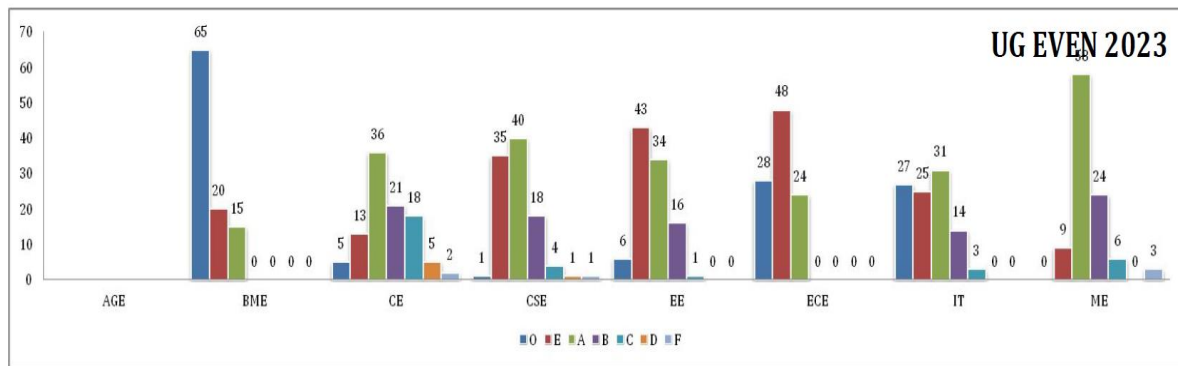
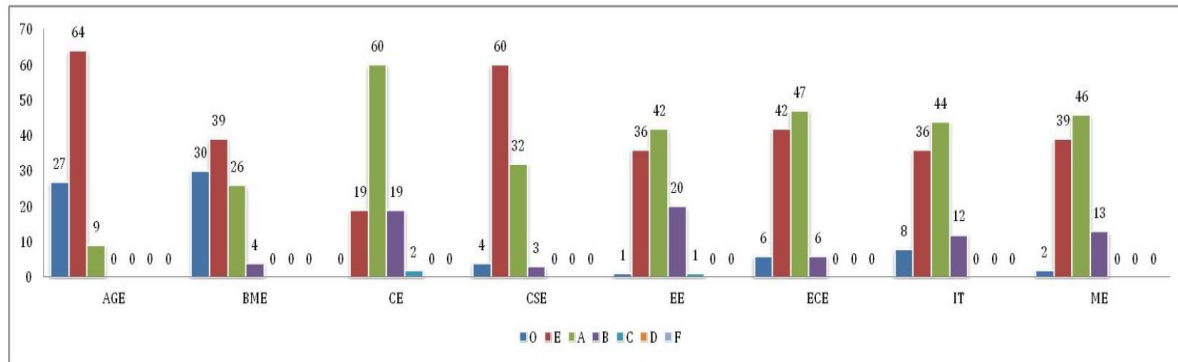
4TH SEMESTER

UG EVEN 2024



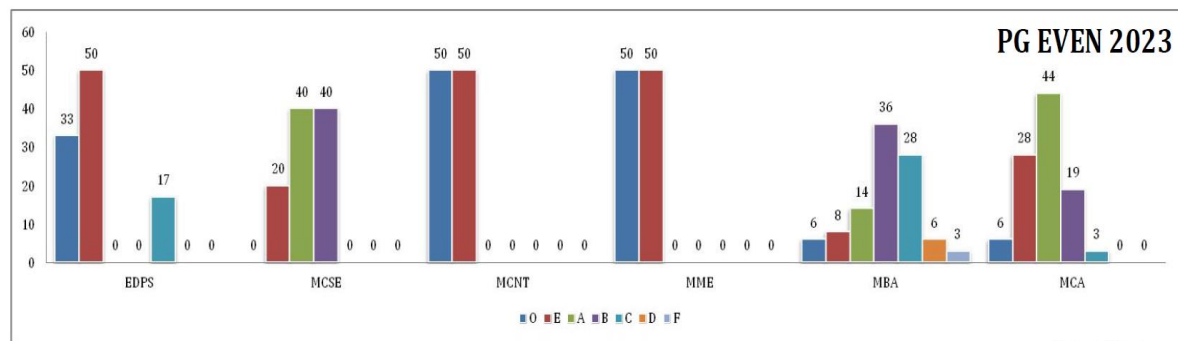
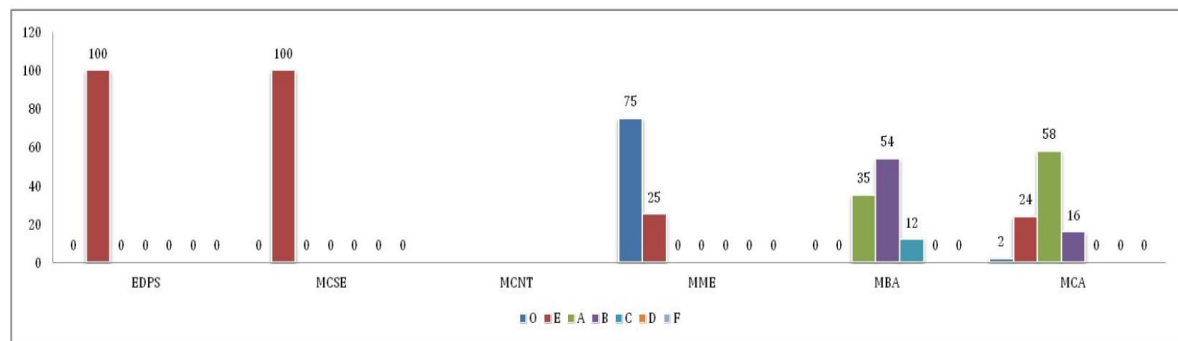
6TH SEMESTER

UG EVEN 2024



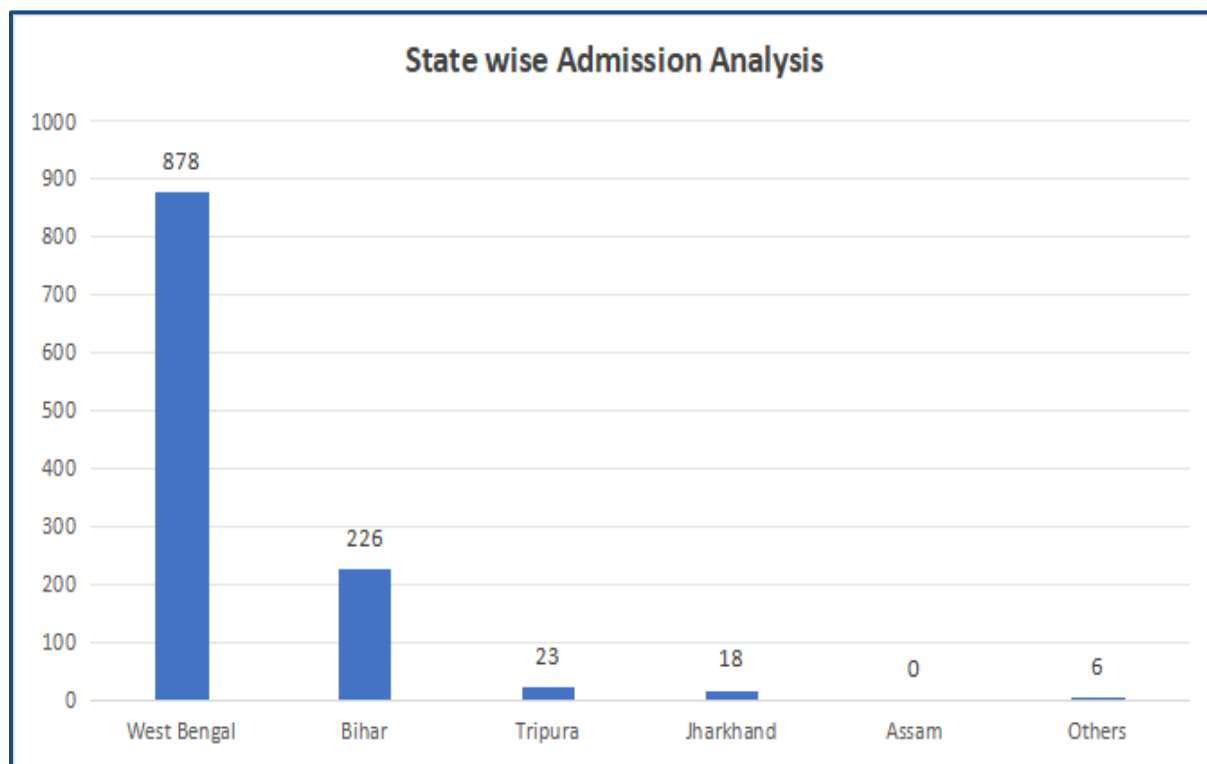
2ND SEMESTER

PG EVEN 2024

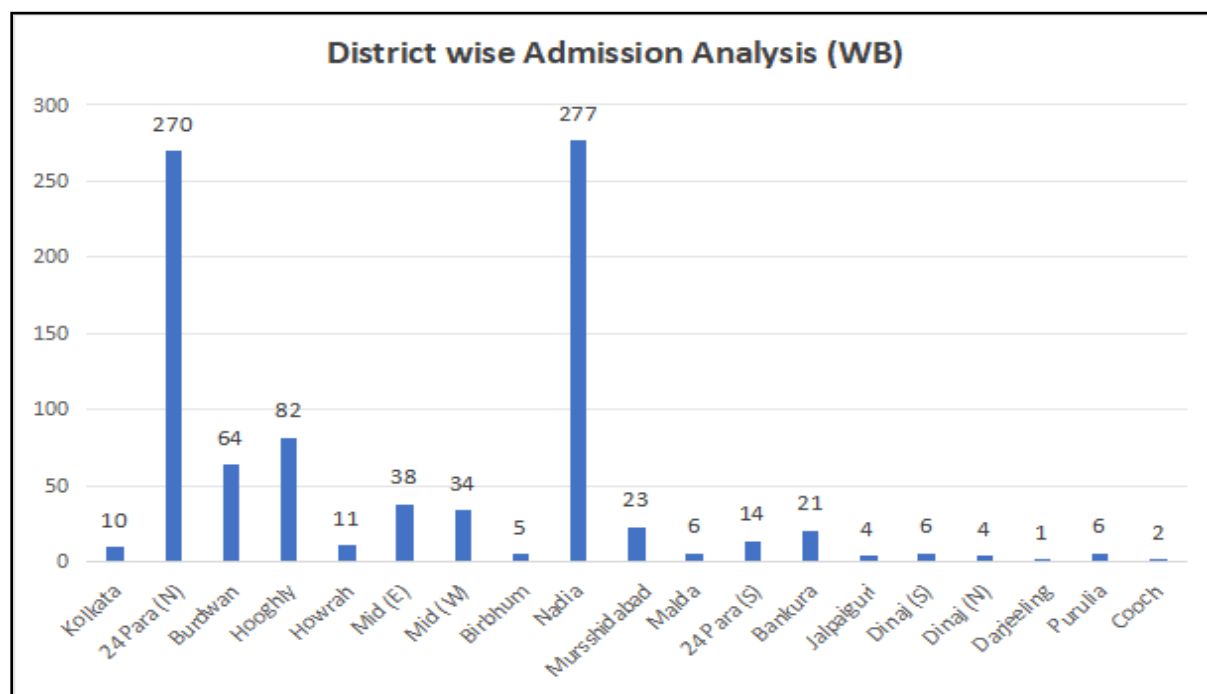


Annexure – IV - Analysis of Admission status

State wise admission analysis



Analysis of Admission status - District wise





Internal Quality Assurance Cell, JIS College of Engineering

Action taken Report – 29/9/24

Based on last IQAC Meeting

Sl.	Agenda	Resolution	Action taken
1	Analysis of the Feedback from stakeholders for odd semester	It was advised that mentorship process should be revisited. Separate discussion should be conducted about the mentioned questionnaires which has got a negative feedback more than 10%. A separate feedback should be collected from final year students about Training & Placement department about the services provided by them. It was advised to organize mentor-mentee meetings by all mentors of the institute to improve students' feedback.	➤ All issues raised were taken care of. A dedicated software has been developed by CST department to maintain Mentor mentee interaction data ➤ TNP cell have collected a separate feedback for 2024 session ➤ Mentor-mentee meetings were organized by various departments.
2	Result Analysis for even semester	It was observed that the average grades received by students are comparatively lower than the last academic year. It was advised to all HODs that following the new examination reforms, more student support has to established for better preparation for their examination.	➤ Solved Question answer provided to Diploma students ➤ Special classes planned for backlog students before exams ➤ Three extra classes / week planned for students weak in communication
3	Review of Extracurricular, Co-curricular, social service, extension and student club activities.	It was advised to increase no of various club activities within a year.	Departments & clubs have organized variety of activities, which has been presented in the current meeting.



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4	Review of MOU - (i) New MOU, (ii) Review of activity of existing MOU	It was advised to continue the trend and focus on activities under existing MOUs	Total 4 MOU has been signed by ME, EE, CSE and CST departments since last meeting on various aspects like research collaboration, industry collaboration, training & internship and job prospects.
5	SWOC analysis of departments & institution with reference to audit conducted	Academic Audit will be done and the outcome will be presented in next IQAC meeting.	The proposed audit has been postponed in the view ongoing NBA visit preparation. The same will be conducted in October end.
6	IDP framework as per UGC guidelines : Discussion: Dr. Ghosh elaborated the newly introduced IDP framework from UGC.	Chairman, IQAC advised to conduct a separate discussion later for further exploration and planning in next phase.	Study of IDP framework have been initiated

Prepared by,
Director IQAC, JISCE

Approved By,
Principal, JISCE