Institute of Engineering and Management

School of UEM, New Town

External Academic Audit Report – July 2025 for IEM, Saltlake

1.Name of the Department – Electronics and Communication Engineering

Name of the External Expert:

Dr. Debashish Chatterjee
Professor
Department of Electrical Engineering
Jadavpur University

General Observations:

1. Adequate no. of quality faculty members available.

2. Lab space and classroom facilities are satisfied.

Desired Improvement:

1 More faculty members should be involved with PhD. Supervision.

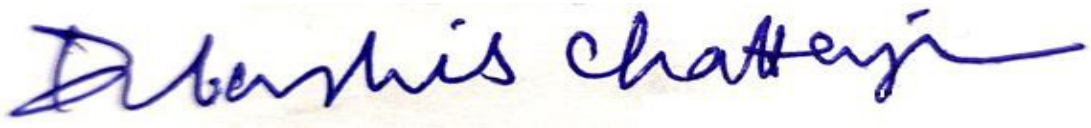
2. No. of Publications in quality Journals (Q1) to be improved for more no. of faculties.

3. Needs improvement for consultancy projects.

4. The audit format and the parameters of the score sheet are not relevant to the department.

5. More numbers of external funding for the Projects is necessary. Emphasis on project writing with required focus area is necessary.

6.. More Students to be involved for higher education/ competitive exams (GATE/CAT).



Dr. Debashish Chatterjee
Professor
Department of Electrical Engineering
Jadavpur University

Name of the Department – Electronics and Communication Engineering

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• More Faculty Members should be involved in PhD Supervision	• Already all faculty members with PhD degree are supervising PhD candidates.	• Mention total number of faculty members in the department and number of PhD candidates being supervised by the faculty having PhD degree
• Improvement in Number of Publications in Q1 Journals	• Organized a faculty development program (FDP) on "Writing for Q1 Journals" with sessions on Scopus/Scimago indexing and manuscript preparation. 20 faculty participated. • Provided seed funding and incentives to faculty members for publication in Q1 journals. • The no. of journal publication has improved by 3 after the audit.	
• Improvement in Consultancy Projects	• Identification of probable consultancy avenue has been done and proposals has been defined. Two MoUs signed for pilot projects	• Mention name of collaborators and date of signing the MoUs
• More External Funding for Projects with Emphasis on Project Writing	• Several faculty members have obtained the seed fund for grant in aid projects in the last quarter	• What about external funding? • Fix up targets for sending viable proposals to the external agencies

• More Students to be Involved in Higher Education/Competitive Exams (GATE/CAT)	• Organized a motivational seminar by GATE toppers on November 15, 2025, attended by 100+ UG/PG students. • All students are enrolled for GATE classes provided by the university and their progress are being tracked.	

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

2. Name of the Department- Computer Science and Engineering (Internet of Things and Cyber Security with Blockchain Technology), Computer Science and Engineering (Artificial Intelligence)

Name of the External Expert:

Dr Jyotsna, Kumar Mandal Professor
Computer Science and Engineering
Department of Computer Science and Engineering
University of Kalyani, Nadia, West Bengal.

The external auditor visited the department and scrutinised the infrastructure, facilities, faculties, placements, vertical upliftment of the students, utilisation of funds, research, and collaborative activities etc.

The following observations and suggestions are made by the External Auditor.

1. The audit report is not up to the mark and needs modifications.
2. The infrastructure, laboratory, teaching methodology and other routine affairs are in regular mode and dissemination is very good. The physical infrastructure are good and may be augmented based on needs and current trends.
3. Good research initiatives are seen from the both of the departments. It is suggested that a state-of-the-art high performance computing system is very much needed for the whole community, particularly for more advance research and state-of-the- art facility for the students
4. Various collaborations are seen for both of the departments. It is suggested that the faculty centric and student centric collaboration activities are to be intensified more.
5. Faculties are opting for Ph. D. supervision, which is good, but some faculties are not yet registered for Ph. D. degree. This is to be initiated by each such faculty member and they must register for Ph. D. Each and every faculty should engage themselves actively in research in addition to teaching. Faculty members having Ph. D. degree must opt for supervision of Ph. D. scholars.
6. The consultancy activities by the faculty members to be increased.
7. More faculty should be involved in writing and submitting research projects to various funding agencies.

8. Predefined budget expenditure is not seen from the report prepared by the departments. It is suggested that the department may have a defined expenditure budget for each financial year to keep better pace of development.
9. Consolidated book consisting of noted alumnus are to be prepared and same is to be available in the portal to enhance the perceptivity of the institute.
10. The regulation of Ph. D. degree, Master Degree and Undergraduate Degree courses are seem to be missing from the department or it appears that the stakeholders of the departments are not aware about these institutional regulations. There may be an awareness programme on these issues. The same is to be done if it is not available and to be posted into the institute portal,
11. The consolidated weighted average of the feedback from the student semester wise seem to be missing from the department as well as from the portal of the Institute. This is suggested to be done which will enhance the perceptive quality of the Institute.
12. The specific criteria for slow and advanced learners though exist, but the administrative notifications are seemed to be missing. This is to be taken care of which will enhance the quality of learning process.
13. Administrative notifications seem to be absent regarding ratification of BOS decision into the Faculty Council and Board of Management. This must be taken care off.
14. The student faculty ratio to be increased.

14.Various criteria of the institutions are existing. These are to be consolidated and to be posted as a billboard and in the web portal for better visibility of the same by the stakeholders.



Dr Jyotsna, Kumar Mandal
Professor, Computer Science and Engineering,
Department of Computer Science and Engineering,
University of Kalyani, Nadia, West Bengal.

Name of the Department – Computer Science and Engineering (Internet of Things and Cyber Security with Blockchain Technology), Computer Science and Engineering (Artificial Intelligence)

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• The audit report is not up to the mark and needs modifications.	• Generalized report format as sent by the University has been suggested to modify such that it aligns with standard NAAC / NBA / IQAC guidelines. Improved documentation and structured reporting are being prepared.	• IQAC coordinators should act on this.

• Infrastructure, laboratory, teaching methodology and routine affairs are good but may be augmented based on current trends.	• Requirement analysis for new equipment & lab upgrades are initiated on regular basis. Procurement proposals are placed based on upcoming academic needs and technology trends.	• Fix up a target date to augment necessary infrastructure
• State-of-the-art HPC system recommended for advanced research	• Central NVIDIA GPU has been purchased. Proposal for purchasing / accessing centralized HPC submitted. A Supercomputer (Satyameva) has been developed. Exploring funding through RUSA / TEQIP / DST-FIST / institutional support.	
• Faculty-centric and student-centric collaborations to be increased.	• MoUs with industries/research institutes being expanded. • More student internships, joint research, guest lectures being scheduled. • Currently the department is enlisted as the SPOKE Institute of Eastern Zone for ISEA Phase III Project. • 5-day FDPs was organized in collaboration with IIT Guwahati • BootCamp is organized in collaboration with ISI Kolkata. • The Department has also got AICTE sponsored ATAL FDP. • Faculties are engaged in Research at IIT KGP Research Park as resources from IEMRF (IEM Research Foundation).	• Points 1 & 2 are Subjective Statements. Need elaboration objectively. • Mention date • Mention date • Mention date
• Some faculties not yet registered for PhD; PhD holders should take up supervision.	• Mandatory notification issued encouraging all non-PhD faculty to enroll. Faculty with PhDs are enlisted as PHD Supervisors of the home University and others.	• Mention number of faculty with and without PhD. • How many faculty members are supervising PhD candidates?
• Consultancy by faculty needs to be increased.	• Consultancy cell being strengthened. Faculty has reached out to local industries for testing,	• Subjective Statement should be

	design, and technical advice services. The senior faculty members are empaneled as the experts of the government sectors.	avoided. Specify details of it objectively.
• More faculty should submit research grants.	• Faculty members are encouraged to apply to DST, AICTE, SERB, MSME, DRDO, and state funding schemes. Proposal-writing workshops planned. Many faculty members have got in-house grant in project.	• How many proposals have been submitted for external funding agencies after the audit?
• No predefined expenditure budget per financial year	• Department budget (equipment, maintenance, academic activities) being drafted for upcoming financial year. Accounts department is taking care of this.	• The budget of 2026 should be ready by February 2026 • Adequacy of budget and proper utilization of the budget to be ensured.
• A consolidated book of notable alumni to be prepared and uploaded.	• As part of tri mentoring system and 360 degree development of students rigorous and regular Alumni Interactions are conducted by the Department. Central repository is maintained for notable alumni. Dedicated Infrastructure for alumni interaction has already been created and maintained centrally.	
• Stakeholders unaware of institutional regulations.	• A feedback analysis committee formed. Weighted averages have been computed and will be disseminated.	
• Consolidated semester-wisestudent feedback not available.	• A feedback analysis committee formed. Weighted averages have been computed and will be disseminated.	
• Criteria exist but	• Official notification have been	• Send a copy

administrative notifications missing.	issued. Separate activity plans and proper rubrics for slow & advanced learners have been documented.	to VC's office for adjudication
• Ratification notifications not available.	• Notifications have been collected from the university and properly archived in the department.	
• Student–faculty ratio needs improvement.	• Proposal for new faculty recruitment submitted. Guest/adjunct faculty options being explored. Multiple Professor-of-Practice have been appointed.	• Re-evaluate Student Faculty Ratio after joining of new faculty members
• Institutional criteria exist but not consolidated or displayed.	• Criteria have been compiled and displayed on department notice board and website.	• What are these criterias?

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

3. Name of the Department - Bachelor of Computer Applications

Name of the External Expert:

Prof. (Dr.) Chandreyee Chowdhury
Professor,
Computer Science and Engineering Department
Jadavpur University

Strength:

The department has a good number of faculty members and adequate theory and laboratory infrastructure as reported by the faculty members. The placement record is appreciable, so is the student enrolment. The students could get exposure of different activities such as, hackathons.

The faculty members are actively involved in participating as well as organizing workshops. The faculty members are coming from different backgrounds providing an appreciable balance of demography. All faculty members have either enrolled or obtained Ph. D degree.

Observation:

Though an appreciable number of patents have been filed, the overall research outcome may further be improved. More journal submissions could be encouraged.

The faculty members may consider submitting research proposals to different funding agencies.

Sincerely,



Prof. (Dr.) Chandreyee Chowdhury
Professor,
Computer Science and Engineering Department,
Jadavpur University
Email: chandreyee.chowdhury@jadavpuruniversity.in
Phone No.: 9830422065

Name of the Department - Bachelor of Computer Applications

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• Number of patient files need to increase	• Faculty members of BCA department is constantly working on it. For few faculty members, initially they do not have clear idea to get patient. Now they know the process and working on it. It will increase in coming few months.	• Mention the actual Status till date?
• More journal submissions could be encouraged	• BCA department is constantly encouraging faculty members to involve in research activities and boost them to submit and publish more journals. As most of the faculty members are relatively young and pursuing PhD, it is expected that Journal publication will increase in coming months.	• Any update till now?
• The faculty members may consider submitting research proposals to different funding agencies.	• As most of the faculty members are involved in research activities, publishing papers, patients, definitely faculty members will apply for project and external grant.	• Fix up targets.

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

4. Name of the Department: Bachelor of Business Administration.

Name of the External Expert:

Prof. (Dr.) Saibal Kumar Mukhopadhyay
Director, Institute of Business Management
Senior Faculty, Research Development
Jadavpur University

Dr. Shivaji Banerjee
Senior Faculty, Postgraduate & Research Department,
Commerce & Management
St. Xavier's College (Autonomous), Kolkata

The academic audit held on 17-06-2025 for the Department of Business Administration IEM by Dr. Saibal Kumar Mukhopadhyay (Director, Institute of Business Management, Jadavpur University) and Dr. Shivaji Banerjee, Senior faculty, PG & Research Department of Commerce and Management, St Xavier's College, Autonomous, Kolkata).

The auditors are satisfied with the overall presentation done by the department on the various aspects of the institution and have found everything satisfactory and in accordance with the UGC norms and recommendations. The strength of the department are observed in the following areas:

- Very comprehensive and updated website.
- Competent faculty and satisfactory teaching learning process.
- Faculty publications and research are very encouraging.
- Activities of the various clubs are very dynamic.

However there are certain areas where there is scope for improvement:

- Recruitment of new faculty as per student teacher ratio based on UGC guidelines.
- Reduction of class load for the faculty members.
- Purchase of new books in the library based on latest syllabus.

Director, Institute of Business Management,
Senior Faculty Research Development
Jadavpur University
Dr. Saibal Kumar Mukhopadhyay

17/06/25

Dr. Shivaji Banerjee

Name of the Department - Bachelor of Business Administration.

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• Recruitment of new faculty as per student teacher ratio based on UGC guidelines	• According to the institutional policy regarding first-class degrees and PhD status for applicants applying for faculty positions, two new faculty members joined in March 2025. Post audit, we have initiated the recruitment process from more prospective candidates, and their interviews are scheduled for the coming week.	• Reassess Student faculty Ratio
• Reduction of class load for the faculty members	• Load has already been reduced a bit after joining the 2 additional faculty members who joined in the month of March 2025. We are in the process of recruiting additional faculty members to improve the SFR.	• Reassess average class load per faculty in comparison to AICTE guidelines.
• Purchase of new books in the library based on latest syllabus	**In 2025 after June, ie, after last Academic Audit**: Total number of titles: **49** (added title : 18) Total number of copies added: **1901 (**No. of copies added197) • **Total number of copies increased by 11.57%.** • **Total number of titles increased by 58.06%**	

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

5. Name of the Department: Mechanical Engineering

Name of the External Expert:

Dr.Subhasis Bhaumik
Professor in the Dept. of Aerospace Engineering & Applied Mechanics
IIEST Shibpur, Howrah

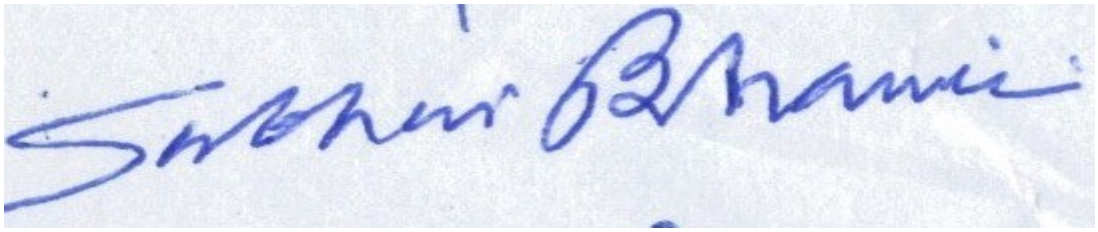
General Observations:

1. Adequate no. of quality faculty members available.
2. Lab space and classroom facilities are satisfied.
3. Need Separate Work Shop (ie, Machine Shop, Welding, Foundry shop)
4. Need separate Applied Mechanics Laboratory facility

Desired Improvement:

1. Application for research grant from external agencies.
2. Requirement for more technical assistant for all laboratories.
3. Recruitment of faculty members for appropriate class load distribution.
4. Involvement to more interdisciplinary collaborative research.

More publication in quantity journals.



Dr.Subhasis Bhaumik
Professor in the Dept. of Aerospace Engineering & Applied Mechanics
IIEST Shibpur, Howrah

Name of the Department - Mechanical Engineering

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• Need for a separate Workshop (Machine Shop, Welding, Foundry Shop)	• A separate workshop has been established on the Ground Floor of the D-2 Building, IEM Management House Campus. Additional space will be allocated by the next academic session to further enhance workshop facilities.	
• Need for a separate Applied Mechanics Laboratory	• Space has been allocated on the Ground Floor of the D-2 Building, IEM Management House Campus for the Applied Mechanics Laboratory. The laboratory will be fully operational from the next academic session.	

• Application for research grants from external agencies	• Faculty members have been encouraged to apply for research funding through various national agencies. Applications have already been initiated for the MSME Hackathon and the Anusandhan National Research Foundation (ANRF).	• How many research proposals have been submitted so far? • Fix up targets.
• Requirement for additional technical assistants in laboratories	• One Technical Assistant has been recruited. Based on current laboratory requirements, an additional Technical Assistant will be appointed in the next academic session.	
• Recruitment of faculty members for appropriate class load distribution	• Following one faculty resignation this academic session, a workload assessment has identified the need for two additional faculty members. Recruitment for these positions will be completed in the next academic session.	• Reassess average class load per faculty in comparison to AICTE guidelines.
• Increased involvement in interdisciplinary and collaborative research	Faculty members are actively engaged in collaborative research with national and international universities. Key developments include: • Signing of two MoUs: **CSIR-NEERI** and **University of Pannonia**. • Establishment of **Centres of Excellence in Additive Manufacturing** and **Climate Change Research**, promoting interdisciplinary work. • Introduction of **Minor Degree Programs** in Robotics, AIML, and Sustainable Energy Engineering, further strengthening the interdisciplinary research ecosystem	
• Increase in publications in quality journals	• Faculty members are motivated to publish in reputed, high-impact journals. Emphasis is placed on journals indexed in SCI, SCIE, and Scopus, with a focus on achieving publications in Q1 and Q2 categories.	• Mention up to date status of publications.

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

6.Name of the department: Electrical Engineering

Name of the External Expert:

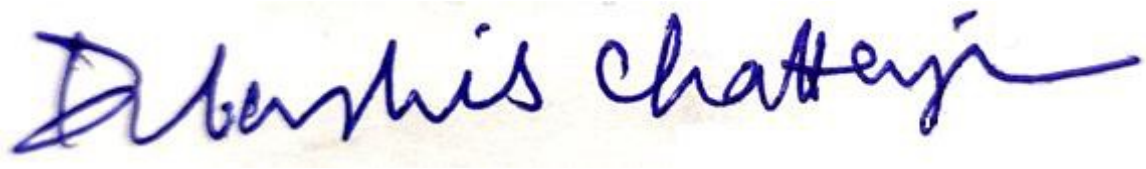
Dr. Debashish Chatterjee
Professor
Department of Electrical Engineering
Jadavpur University

General Observations:

1. Adequate no. of quality faculty members available.
2. Lab space and classroom facilities are satisfied.

Desired Improvement:

1. More faculty members should be involved with PhD. Supervision.
2. No of faculty members with PhD degree to be increased gradually.
3. No. of Publications in quality Journals (Q1) to be improved for more no. of faculties.
4. Needs improvement for consultancy projects.
5.. More numbers of external funding for the Projects is necessary. Emphasis on project writing with required focus area is necessary.
6. More Students to be involved for higher education/ competitive exams (GATE/CAT)



Dr. Debashish Chatterjee
Professor
Department of Electrical Engineering
Jadavpur University

Name of the Department - Electrical Engineering

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• More faculty members should be involved for PhD supervision	• PhD scholars are registered under the supervision of Dr. Subhajit Kar, Dr. Sanjoy Mandal, Dr. Madhumita Pal	• Mention total number of PhD scholars already registered
• No of faculty members with PhD degree to be increased gradually	• 9 out of 12 faculty members are PhD	

	awarded	
• No. of Publications in quality Journals (Q1) to be improved for more no. of faculties.	• Faculties are trying to improve.	• Subjective Statement
• Needs improvement for consultancy projects.	• Prof. Deepro Sen is actively engaged with consultancy. Also trying to do consultancy in power system testing.	• Needs elaboration
• More numbers of external funding for the Projects is necessary. • Emphasis on project writing with required focus area is necessary	• Working on it	• Needs objective statement
• More Students to be involved for higher education/ competitive exams (GATE/CAT).	• 15 students of the 2025 pass out batch have qualifies in GATE/CAT	• How many of them have taken admission to HEIs?

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

7.Name of the department: Electrical and Electronics Engineering

(*SAME AS OF EE PROGRAMME?)

Name of the External Expert:

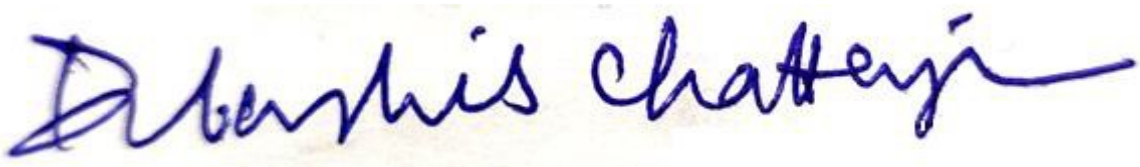
Dr. Debashish Chatterjee
Professor
Department of Electrical Engineering
Jadavpur University

General Observations:

1. Adequate no. of quality faculty members available.
2. Lab space and classroom facilities are satisfied.

Desired Improvement:

1. More faculty members should be involved with PhD. Supervision.
2. No of faculty members with PhD degree to be increased gradually.
3.No. of Publications in quality Journals (Q1) to be improved for more no. of faculties.
4. Needs improvement for consultancy projects.
5. More numbers of external funding for the Projects is necessary. Emphasis on project writing with required focus area is necessary.
6. More Students to be involved for higher education/ competitive exams (GATE/CAT).



Dr. Debashish Chatterjee
Professor
Department of Electrical Engineering
Jadavpur University

Name of the Department - Electrical and Electronics Engineering

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• More faculty members should be involved with PhD. Supervision	• PhD scholars are enrolled under the supervision of Dr. Rajat Shubhra Pal, Dr. Manas Mukherjee, Dr. Tanmay Sinha Roy	• Mention number of PhD scholars

• No of faculty members with PhD degree to be increased gradually.	• 5 out of 9 faculty members are PhD awarded	
• No. of Publications in quality Journals (Q1) to be improved for more no. of faculties.	• Faculties are trying to improve.	• Subjective Statement should be avoided
• Needs improvement for consultancy projects.	• Signed MoUs with MSME Tool Room, Kolkata and Indian Institute of Internship	• Mention date of signing the MoUs. • Does the scope of work include consultancy projects?
• More numbers of external funding for the Projects is necessary. Emphasis on project writing with required focus area is necessary.	• Working on it	• Target to be specified regarding number of research proposals to be submitted.
• More Students to be involved for higher education/competitive exams (GATE/CAT).	• 15 students of the 2025 pass out batch have qualifies in GATE/CAT	

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

8.**Name of the department: Computer Science and Business Systems CSBS and Computer Science (Artificial Intelligence and Machine Learning)**

Name of the External Expert:

Prof. (Dr.) Chandreyee Chowdhury
Professor,
Computer Science and Engineering Department
Jadavpur University

Strength: The department has both bright young faculty members and a few experienced faculty members. The department ensures full enrolment of the sanctioned student intake and almost full placement of interested students. This is a very appreciable aspect of the department.

The faculty members are actively involved in participating as well as organizing FDPs and workshops. Collaboration with both industry and academia could be observed. Consultancy projects are also reported by some faculty members. The enthusiasm of the faculty members toward research is appreciable.

Observation:

The SFR as reported by the faculty members is high considering the common first year load. Teaching Assistants could be provided for conducting laboratory classes to reduce the effective load of the teachers.

As far as the infrastructure is concerned, the teachers reported some space crunch for their sitting rooms. The major computer laboratories could be provided with proper air conditioning for smooth functioning of the same.

The teachers may consider submitting more research project proposals to different government funding agencies like DST, ISRO, DRDO, and so on. It can also be done in collaboration with other institutes.

The overall placement of the students is highly commendable. However, the top students may be provided with the opportunity to compete for placement in companies such as, SAMSUNG, INTEL, AMAZON, MICROSOFT, and so on where the package is more. Thus, the top performers can get better job offers.



Sincerely,

Prof. (Dr.) Chandreyee Chowdhury Professor, Computer Science and Engineering Department, Jadavpur University Email: chandreyee.chowdhury@jadavpuruniversity.in Phone No.: 9830422065

Name of the Department - Computer Science and Business Systems CSBS and Computer Science (Artificial Intelligence and Machine Learning)

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• The SFR as reported by the faculty members is high considering the common first year load. Teaching Assistants could be provided for conducting laboratory classes to reduce the effective load of the teachers.	• Teacher recruitment process is on the way to fulfill the need for first year and other departmental support.	• Mention the present status of recruitment of new faculty
• As far as the infrastructure is concerned, the teachers reported some space crunch for their sitting rooms. The major computer laboratories could be provided with proper air conditioning for smooth functioning of the same.	• More number of laboratory space has been identified and laboratory infrastructure has been deployed in management house D2 building.	
• The teachers may consider submitting more research project proposals to different government funding agencies like DST, ISRO, DRDO, and so on. It can also be done in collaboration with other institutes.	• 2 of the research project proposal has already been submitted in the department of science and technology. And another is jointly with IIT-mandi.	• Date of submission of proposals. • How many research proposals submitted so far?
• The overall placement of the students is highly commendable. However, the top students may be provided with the opportunity to compete	• Students have been given specialized training and internship to crack the offers in tech giants like Google, Microsoft, Amazon etc. already 2025 passed out students of CSE(AIML),	

for placement in companies such as, SAMSUNG, INTEL, AMAZON, MICROSOFT, and so on where the package is more. Thus, the top performers can get better job offers.	Ms. Ayushi Bhargava received an offer form Google India.	

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

9.Name of the department: Basic Science and Humanities

Name of the External Expert:

Dr.Subhasis Bhaumik
Professor in the Dept. of Aerospace Engineering & Applied Mechanics
IIEST Shibpur, Howrah

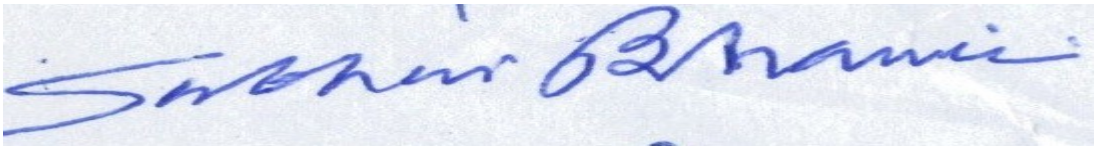
Prof. Dr. Arnab Halder
Professor & HOD, Department of Chemistry, Presidency University

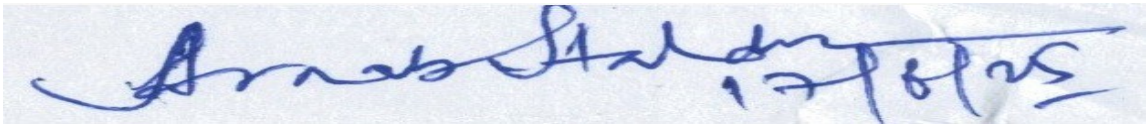
General Observations:

1. Adequate no. of quality faculty members available.
2. Lab space and classroom facilities are satisfied.
3. Good nos of publications

Desired Improvement:

1. Quality publications in reputed journals (Q1,Q2)
2. Improvement of faculty strength.
3. More attempt to get financial support from external funding agencies.
4. Collaborative research with other department of IEM or with other institutions.
5. Establishment of research facility with high end equipment's.
6. More effort for organizing FDP with funding from outside.
7. Rationalization of academic credit structure.





Dr.Subhasis Bhaumik
Professor in the Dept. of Aerospace Engineering & Applied Mechanics
IIEST Shibpur, Howrah

Prof. Dr. Arnab Halder
Professor & HOD, Department of Chemistry, Presidency University

Name of the Department - Basic Science and Humanities

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• Quality publications in reputed journals (Q1, Q2)	• The department has initiated a strong research culture encouraging publication in high-impact journals. Several faculty members have already published in **Q1 and Q2 Scopus / Web of Science indexed journals**, showing a significant rise in publication quality. Regular research review meetings and workshops are being conducted to further enhance scholarly output.	• Please quantify each parameter through objective statements.
• Improvement of faculty strength	• The Department has recently recruited new faculty members from reputed academic and research backgrounds. The recruitment process is ongoing and **additional faculty members will be appointed soon**, strengthening both teaching and research standards.	• Mention number of new faculty members recruited and the present SFR.
• More attempts to obtain external funding support	• Faculty members have actively submitted **project proposals to major national funding agencies** including DST, SERB, AICTE, and IEEE. Several proposals are currently under review and more proposals are in preparation. A structured support mechanism is introduced for mentoring new researchers for proposal drafting.	• Mention number of research proposals submitted to the external agencies. • Fix up Targets.
• Collaborative research with other departments / external institutions	• Research collaboration has significantly strengthened. Faculty members are engaged in joint research with **foreign universities, IITs, and other leading institutions**. Interdepartmental collaboration within IEM has	• Write the present status • Please quantify the attainments.

	also increased through joint publications, funded project proposals, and shared lab facilities.	
• Establishment of research facilities with high-end equipment	• The Department has initiated procurement and already **acquired some laboratory instruments** to enhance research capability. The process to develop advanced research facilities is ongoing, and proposals for high-end equipment purchase have been submitted under external funding schemes	• Mention the time line when the entire set up will be ready for operation.
• Greater effort for organizing funded Faculty Development Programs (FDP	• The Department has already successfully organized an **AICTE-funded FDP**, which received excellent participation feedback. Plans for organizing additional FDPs and workshops in collaboration with reputed external agencies are underway to ensure continuous academic growth and knowledge enrichment.	• Mention time frame
• Rationalization of academic credit structure	• The department has actively participated in reviewing and upgrading the **academic credit structure**, aligning it with NEP-2020 guidelines and modern curriculum outcomes.	• Mention National Credit Framework

The Department of Basic Science & Humanities remains fully committed to continuous development and academic excellence. We sincerely appreciate the insightful suggestions provided by the external experts and have already taken proactive steps to implement the recommendations. The initiatives undertaken reflect the department's positive growth trajectory and dedication towards achieving academic excellence in near future.

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD

10.Name of the department: Master of Business Administration.

Name of the External Expert:

Dr. Shivaji Banerjee
Senior Faculty, Postgraduate & Research Department,
Commerce & Management
St. Xavier's College (Autonomous), Kolkata

Prof. (Dr.) Saibal Kumar Mukhopadhyay
Director, Institute of Business Management
Senior Faculty, Research Development
Jadavpur University

The committee is overall happy regarding the practices of the department and the functioning of the semester system.

Further, certain observations were made during the audit process which are as follows:

1.Lecture demonstration to be included in the faculty selection process
2.Consultancy to be increased.
3.Faculty visit to industry for exposure. For the same an institutional policy needs to be fonnulated for faculty visit to industry.
4.Grafting of marks can be included as a best practice of the department
5. Academic Council and Board of Studies needs to approve a new format of question papers which is subject specific
6.Open Book examinations and case studies to be used for Internal assessments
7.Increase in the number of existing faculty to meet student teacher ratio

Special observations are with respect to the trimester system and involve:

I Nomenclature of the subject Mathematics needs to be changed
2.Research Methodology to be included in the syllabus
3.Organizational Behavior must be a core paper instead of a sessional paper
4.Corporate Ethics must be included as a subject separately in later parts of the trimester
5. 4th year BBA must be integrated with the Ist year MBA making it an integrated program under NEP.

NB:The visit team were not agreeable to the Trimester system which is prevalent inthe present MBA curriculum



Name of the Department – Master of Business Administration

Action Taken :

Recommendation	Action Taken	VC Sir's Observations
• Lecture demonstration to be included in the faculty selection process	• Demo Classes are made mandatory before final selection of a faculty member.	
• Consultancy to be increased.	• The Section 8 company IEM Research Foundation is established with a goal to assist in consultancy and externally funded research and projects.	
• Faculty visit to industry for exposure. For the same an institutional policy needs to be formulated for faculty visit to industry.	• Regular industry visits are being scheduled for both the students and faculty members.	• Semester-wise schedule to be mentioned
• Grafting of marks can be included as a best practice of the department	• This is not a departmental decision. The decision needs to be taken by the CoE for a University wide policy. The department will follow the decision of the CoE	• Send your proposal to VC's office
• Academic Council and Board of Studies needs to approve a new format of question papers which is subject specific	• Suggestions will be placed to the BoS and Academic Council for the next session.	• No such proposal has been initiated as yet.
• Open Book examinations and case studies to be used for Internal assessments	• Case studies are already incorporated into internal assessments. Discussions are currently happening on Open Book and Take Home examinations	
• Increase in the number of existing faculty to meet student teacher ratio	• Requirements are placed to the higher authority for the same	• Mention the time line • Reassess SFR
• Nomenclature of the subject Mathematics needs to be changed	• The name has been changed to Mathematics and Quantitative Techniques respectively	
• Research Methodology to be included in the syllabus	• Already incorporated in the syllabus	

• Organizational Behavior must be a core paper instead of a sessional paper	• OB is included in the first trimester	
• Corporate Ethics must be included as a subject separately in later parts of the trimester	• Already a part of the first trimester	
• 4th year BBA must be integrated with the 1st year MBA making it an integrated program under NEP	• This is not a departmental decision	• You may initiate a proposal for consideration

ACTION TAKEN REPORT OF THE DEPARTMENT MUST BE ENDORSED BY RESPECTIVE HOD