

# **SURENDRANATH COLLEGE**

## **IQAC ANNUAL REPORT**

**(2020-21)**



### **PLAN OF ACTION**

1. To extend the mentoring system to students of all semesters both Honours and General to make the system all inclusive.
2. To purchase Zoom cloud meeting platform for one year to conduct different online events smoothly.
3. All the departments
4. To create a video/media centre in the college to help in creating tutorial videos and a room with video conferencing facility.
5. To create Tutorial Videos to teach effectively different theoretical and practical modules and upload them in the college YouTube channel.
6. To create Tutorial Videos for teachers and students facilitating smooth conduction of online classes and reach out masse by uploading them in the college YouTube channel.
7. To complete the installation of KOHA for full automation of the central library and update the E-library facility accordingly for giving maximum access to reference books, including expensive books by foreign authors.
8. To collaborate with Spoken Tutorial (IIT Bombay) for conducting different online faculty and student development certificate courses.
9. To improve the institutional research environment by starting high-end research in the newly created central facility laboratory.
10. To encourage all departments to start some Discipline Specific Certificate Courses and Value-Added Soft Skill Development Courses.
11. To sign MOUs with more educational institutions for effective faculty, student, and resource sharing.
12. To collaborate with some industry/laboratory for summer training/ internship of the interested students.
13. To boost up the placement of students by preferably appointing an experienced placement officer and signing MOUs with different industries and recruiting companies.
14. To start taking Feedback from alumni and parents as well.

15. To complete the long-pending renewal of the registration of the Alumni Association.
16. To prepare online question banks for all subjects.
17. To organize more seminars on social issues like dowry, gender harassment, gender equity, child labour, human trafficking, etc. for generating social consciousness.
18. To make the campus more “Divyangjan” friendly by creating more dedicated washrooms and ramps in addition to the existing facilities.
19. To cover the whole roof of the college building to create more classrooms and laboratories to fight the space crunch.
20. To Install Solar Panels on the rooftop of the college building and initiate a rainwater harvesting system ultimately leading to a green campus.
21. To coach final year students in online mode for cracking competitive entrance exams like SSC, JAM, etc.
22. To organise some online job-oriented training courses, to prepare interested students for various Service exams with minimal fees.
23. To form departmental journal clubs to nurture the reading habits and subject grasping capability of the students.
24. To revamp the website from .org to.ac.in.
25. To buy a domain space for smooth functioning of the college website.
26. To make a state of art conference/meeting room in the campus directly accessible through lift.
27. To make two studios with sound recording facility.
28. To conduct external academic and administrative audits.
29. To conduct energy and green audits of college through external agency.
30. To apply for the ISO 9001:2015 certification.
31. To apply for the NIRF.
32. To sign MOU with external agencies for effective campus waste management.
33. To create a gymnasium for physical fitness of the staff and students
34. To conduct workshops on use of ICT in teaching learning and library

### **ACTION TAKEN REPORT**

1. Mentoring system has been extended to students of all semesters both Honours and General to make the system all inclusive.
2. Licensed Zoom cloud meeting platform was purchased for one year to conduct different online events smoothly.
3. 17 departments of the college have published e- magazines and tabloids
4. Two sound studio/video/media centre in the college have been created to help in creating tutorial videos and a room with video conferencing facility.
5. Tutorial Videos have been produced by many faculty members to teach effectively different theoretical and practical modules and they have upload them in their personal YouTube channel with links in the college website.

6. Tutorial Videos for teachers and students have been created for facilitating smooth conduction of online classes and reach out masse by uploading them in the college YouTube channel.
7. Installation of KOHA for full automation of the central library has been done and updating of E-library facility is going on for giving maximum access to reference books, including expensive books by foreign authors.
8. College has collaborated with Spoken Tutorial (IIT Bombay) for conducting different online faculty and student development certificate courses.
9. Regular upgradation of the high-end research facility is going on in the newly created central facility laboratory to improve the institutional research environment.
10. Currently 18 Discipline Specific Certificate Courses and Value-Added Soft Skill Development Courses are running in the college.
11. MOUs with 5 educational institutions have been signed for effective faculty, student, and resource sharing and 2 organisations for certificate courses and waste management
12. The process of collaboration with industry/laboratory for summer training/ internship of the interested students could not be fully achieved due to lockdown but the process is going on.
13. The process of signing of MOUs with different industries and recruiting companies to boost up the placement of students is going on
14. Alumni feedback has already been taken on curriculum and the college.
15. The long-pending renewal of the registration of the Alumni Association is still under progress.
16. Online question banks for all subjects have been created by the librarian.
17. Several webinars were conducted on social issues like dowry, gender harassment, gender equity, child labour, human trafficking, etc. for generating social consciousness.
18. All the washrooms of the college have been made “Divyangjan” friendly.
19. The whole roof of the college building has been covered that would be used soon to create more classrooms and laboratories to fight the space crunch.
20. Installation of Solar Panels on the rooftop of the college building and a rainwater harvesting system have been done ultimately leading to a green campus.
21. Coaching of final year students in online mode for cracking competitive entrance exams like SSC, JAM, etc. has already been initiated by Department of Chemistry.
22. The process of organising some job-oriented training courses, to prepare interested students for various Service exams with minimal fees is still going on.
23. Journal clubs till date could not be formed till date to nurture the reading habits and subject grasping capability of the students. The process is under progress.
24. The revamping of the website from .org to .ac.in has been achieved.
25. A domain space has already been bought for smooth functioning of the college website.
26. Creation of the state of art conference/meeting room in the campus directly accessible through lift is under progress

27. Studio creation with sound recording facility is on the way of completion
28. Academic and administrative audits were done by the audit committees incorporating external members.
29. Energy and green audits of college through external agency were done and college has already got a certification.
30. After completion of the audit and the training program, the college has got the ISO 9001:2015 certification.
31. College is preparing sincerely to participate in the NIRF 2022.
32. The college has signed a MOU with an external agency Vital Waste for effective campus waste management.
33. A state of art gymnasium with high end equipment has been created for physical fitness of all the staff and students.
34. Two such workshops were conducted one on use of ICT in teaching learning (June 2021) and other on library (July 2021)

## **INNOVATIONS AND BEST PRACTICES**

- Declaration of campus as a plastic-free zone and no-smoking zone
- Replacement of all old light bulbs with LED lights
- Replacement of old fans, bulbs, and others with power-efficient electrical accessories and star-rated air conditioners
- Timely disposal of hazardous waste and cleaning of sewage by Kolkata Corporation
- Regular disposal of E-waste and paper waste through Vital Waste
- Regular pest control on the campus by Kolkata Corporation
- Regular cleaning of overhead water tank
- Regular cleaning of campus by the internal housekeeping members
- Installation of Aqua guards (purified drinking water source) in each department
- Installation of solar panels in 4000 sq. ft area of the rooftop
- Building of a Rainwater harvesting system
- A well-equipped gymnasium
- Lift, ramps, rails, proper Divyangjan friendly washrooms
- Proactive NCC and NSS
- Music, Chess, Coding clubs for faculty and students
- Eco Club continuing with the maintenance of the medicinal plant garden named "SUSRUT UDYAN", the birdhouse, and the aquarium along with their regular campaigning in the college premises for a greener and cleaner environment both verbally and using posters.