Yearly Status Report - 2019-2020

Part A	
Data of the Institution	
1. Name of the Institution	**NETAJI NAGAR COLLEGE FOR WOMEN**
Name of the head of the Institution	**Dr. Tapan Kumar Ghosh**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**913324116711**
Mobile no.	**9874325889**
Registered Email	**netajinagarwomen@yahoo.com**
Alternate Email	**iqac.nncw.cal@gmail.com**
Address	**170/13/1 Netaji Subhas Chandra Bose Road, Regent Estate**
City/Town	**Kolkata**
State/UT	**West Bengal**
Pincode	**700092**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Women**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Moumit Roy Goswami**
Phone no/Alternate Phone no.	**919903430795**
Mobile no.	**9903430795**
Registered Email	**iqac.nncw.cal@gmail.com**
Alternate Email	**netajinagarwomen@yahoo.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://netajinagarcollegeforwomen.in/wp-content/uploads/2021/05/AQAR-2018-19-11-1.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://netajinagarcollegeforwomen.in/wp-content/uploads/2021/09/Academic_Calender_2019-20.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	**B+**	**2.58**	**2016**	**02-Dec-2016**	**01-Dec-2021**
1	**C++**	**67.5**	**2007**	**31-Mar-2007**	**30-Mar-2012**

6. Date of Establishment of IQAC	**07-Feb-2015**

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Regular Meeting of IQAC is arranged	02-Dec-2019 1	8
Regular Meeting of IQAC is arranged	12-Dec-2019 1	8
Timely Submission of AQAR to NAAC (AQAR 2018-19)	24-Dec-2019 1	8
Student Induction Programme	01-Jul-2019 1	430
Feedback from Students	16-Jan-2020 1	167
Institutional data submitted to AISHE	09-May-2020 365	921
View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Netaji Nagar College for Women, Department of Physics, Dr. Pradip Thakur	Empowerment and Equity Oppurtunities for Excellence in Science	SERB DST, Govt. of India	2020 1095	3028436
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
12. Significant contributions made by IQAC during the current year(maximum five bullets)	

Netaji Nagar College for Women received RUSA 2.0 infrastructural grant by the Rashtriya Uchchatar Shiksha Abhiyan (RUSA) for new construction, renovation and procurement of equipment, books, computers and printers during the financial year 201819. All the sanctioned new equipment, computers, printers and books under this grant have been procured in the session 20192020. College Auditorium, Womens' Hostel, Teachers Room, Office have been upgraded by the financial support of RUSA 2.0 grant.

IQAC along with Teachers Council of the College organized student induction program on the very first day of the academic session 2019-20 for the newly admitted students of BA/B.Sc (Hons. and General) 1st Semester . In this program, students were well informed about the rules and regulations of the college. Students were also informed about Career Counselling Cell, Grievance Redressal Cell, Anti-ragging cell, Legal Counselling Cell, Psychological Counselling cell, NSS Units of the College. Online teaching learning process was initiated in the Lockdown period, March 2020 onwards due to COVID-19 pandemic, to enable the students to complete their syllabi in due time, and the same is being continued. Online classes have been arranged for the students using various digital platforms

IQAC and NSS units of the college organised a popular lecture on Vermicomposting from waste materials. This was followed by installation of vermicomposting unit within the college as proposed in the Future plans of AQAR 2018-19.

The Department of Environmental Science and Department of Zoology prepared the Peoples Biodiversity Register for Ward No. 98 (Kolkata Municipal Corporation) and submitted the same to West Bengal Biodiversity Board.

The Department of Food and Nutrition organised Quiz, poster presentation and Health camp for observation of National Nutrition Week along with popular lecture by Prof (Dr.) Debnath Chaudhuri, Ex Professor and Head, Department of Biochemistry, AIIH&PH, Kolkata.

[View File](#)

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Upgradation of College Auditorium under RUSA 2.0 grant	Work Completed
Upgradation of College Teachers Room under RUSA 2.0 grant	Work Completed
Upgradation of College office under RUSA 2.0 grant	Work Completed
Upgradation of Laboratory of Science Departments under RUSA 2.0 grant	Work Completed
Upgradation of College Website under RUSA 2.0 grant	Work in progress
Construction of new classroom	Two new class rooms have been

	constructed.
Preparation of Academic Calendar	Academic Calendar for the session 2019-20 was prepared and consequently uploaded in college website
To move the papers of teachers for Orientation Program / Refresher Course/ Short Term Program under Faculty Development program	Teachers namely Dr. Subhalakshmi Ganguly and Dr. Arijit Ghosh have completed their Orientation Course, Dr. Moumit Roy Goswami Completed his Refresher Course and Dr. Soma Saha completed Two-Week Faculty Development Programme
To take initiative for effective and eco-friendly waste management	A Vermicomposting unit was installed (As proposed in future plans of the college in AQAR 2018-19) in the College.
To take initiative to aware all Teachers, Non-teaching staff and students of the College regarding importance of nutrition for Health	The Department of Food and Nutrition organised Quiz, poster presentation and Health camp and a popular lecture by Prof (Dr.) Debnath Chaudhuri, Ex Professor and Head, Department of Biochemistry, AIIH&PH, Kolkata for celebrating of National Nutrition Week
[View File](#)	

14. Whether AQAR was placed before statutory body ?	**Yes**

Name of Statutory Body	Meeting Date
Administrator	10-Aug-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**No**

16. Whether institutional data submitted to AISHE:	**Yes**

Year of Submission	**2020**

Date of Submission	**09-May-2020**

17. Does the Institution have Management Information System ?	**Yes**

If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	The College has operative Management Information System and the following areas of institutional activities is associated with it 1. A SMS gateway to send important notifications regarding online admission process to all applicants. 2. Communication of

important information to different stakeholders and also to general public through website and conventional notices. 3. Regular use of etendering is done through Govt. Portal. 4. The College website is upgraded visàvis MIS. 5. Marks of University Examinations are uploaded through portal of University of Calcutta. 6. Payment of Online Admission fees and University Examination fees are paid online.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Netaji Nagar College for Women is currently having the following mechanisms for effective delivery of curriculum. (i.) At the beginning of an academic session, an orientation programme is held for the newly admitted students of 1st semester (ii.) Departmental meetings are held by every department in which the topics of the syllabus for each semester (under CBCS system) or year are distributed among the teachers after discussion with them. (iii) Number of classes for each topic is decided according to the syllabus and credits (for semester) assigned for each topic/Group/paper/unit etc. and placed before the Routine Sub-Committee. (iv.) Members of the Routine Sub-Committee prepare the routine which is approved by the Principal duly. (v.) College administration provides a well-constructed weekly Routine/Schedule/ time table for each year /semester for UG classes. (vi.) Teachers prepare their lectures according to the syllabus allotted and classes available. (vii.) Classes are held according to the schedule under the supervision of the college administration. (viii.) Each department has their own Departmental library for the benefit of the students. A good number of Journals (Science and Arts) are subscribed by our college. The College Library is partially automated by Koha Software. Various classroom teaching methods based on various needs of different subjects are regularly used for the effective delivery of the curriculum such as (a.) Chalk and Blackboard or ink pen and White board. (b.) ICT-enabled teaching-learning method. (c.) Outdoor teaching by science departments (d.) Use of Scientific models and charts for effective lecture delivery. (e.) Distribution of class notes by teachers. (f.) Group discussion among the students during the class. (g.) Micro-teaching and seminars by students on topics related to curriculum. (h.) Paper presentation by the students. (i.) Parent-teacher meeting in each semester is held by the respective departments (j.) Particularly during this session, in the lockdown period imposed from 17th of March, 2020 due to COVID-19 pandemic, regular online classes are being held by teachers of all departments using various online platforms since March 2020 onwards (k.) Proper and adequate instrumentation facility is given to the students for their practical classes; there is also a central instrumentation facility for that purpose. (l.) Need based survey programmes, field works and educational excursions are conducted by the departments. (m.) Project work, dissertations are conducted for fulfilment of their degrees. (n.) Seminars, popular lectures and special talks by experts are also arranged regularly for advance studies. (o.) Regular class test, Mid-term and Test examinations (as per the Academic Calendar of University of Calcutta issued for Colleges), regular internal

assessment in Theory and practical classes, viva-voce, are done to keep track on the improvement of the students. Remedial and tutorial classes are also conducted based on requirement. Departments maintain the detailed record of the classes, assessments, project reports etc. College administration always keeps a watchful eye on the classes, results, departmental proceedings and student needs and also keeps record of the different activities of the college regarding teaching learning, development and improvements of different methods of effective curriculum delivery.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Nil	Nil	Nil	00	Nil	Nil

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	Nil	Nill
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	UG Honours and General	01/07/2019
BSc	UG Honours and General	01/07/2019

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Nil	Nill	Nill
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Dept. of Environmental Science	5
BSc	Dept. of Zoology	68
BA	Dept. of History	12
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes

Teachers	No
Employers	No
Alumni	No
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Students feedback is filled by B.A/ B.Sc 3rd Year (Hons. and General) students on their last examination day in the college i.e., B.A/ B.Sc 3rd Year (Hons. and General) part III test Exam (Conducted on January, 2020 for 2019-20 Session). The Feedback is received on varied aspects like Teachers support and services to students, Library resources, Cooperation from Library and Office Staffs, Availability of Xerox facility, pure drinking water and clean washrooms etc. The points are calculated according to the ticks given by students on grades (1, 2, 3, 4, 5) in various criteria. The grades are given as Excellent5, Very Good 4, Good3, Average2, Below Average1). The Average and percentage of various criteria are calculated. The data is represented in the form of bar graphs and pie charts. The strength and weaknesses mentioned by the students are summarized. The Suggestions if any, provided by the students are also recorded.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	Bengali	43	123	25
BA	Education	43	58	14
BA	History	43	53	28
BA	Political Science	43	51	17
BA	General	300	258	167
BSc	General	150	58	25
BSc	Physiology	43	65	18
BSc	Zoology	43	112	34
BSc	Botany	43	35	12
BSc	Food and Nutrition	23	157	19

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses

| 2019 | 921 | Nill | 54 | Nill | 54 |

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
54	28	8	1	1	6

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Yes the mentoring mechanism exists in the College to promote an attitude of tolerance, inclusiveness, women empowerment and values of social responsibility among the mentees. The IQAC takes full initiative to ensure that mentoring and academic advice are provided to students of the College all through the six semesters under the CBCS system. The main purpose of the IQAC of the College is to extend both academic and psychological guidance to the students, where teacher-student bonding is given the top priority. At the beginning of every academic session an orientation programme is conducted to acquaint the students with the prime mission of the College,that is academic guidance and psychological well-being of the mentees. Continuous internal evaluation is a major component of the curriculum adopted by the institution. Against the backdrop of this pandemic, painstaking efforts are being taken by the College faculty as a whole to conduct online classes and provide counselling to students to cope with the tremendous anxiety, stress and depression which the situation demands. Class tests are conducted regularly by teachers as part of the teaching-learning activity. In addition, the students are encouraged to make seminar presentations, submit assignments and participate in group discussions on the online mode. This would on one hand monitor their academic progress and would also help to release their stress through group activities. Innovative ways of oral exams are being incorporated by the institution to conduct oral exams along with the viva-voce. Advanced learners are assigned the task of acting as panelists for short discussions conducted online. Exams and tests conducted on the Google platform give them an edge for their future participation in career entry exams on online mode. To make them conscious of their cultural proclivities and importance of participating in cultural and co-academic activities, short programmes are arranged on virtual mode. Thus the mentoring system of the college has remodelled itself successfully to cater to the mentees' psychological and academic well-being and to cope with the grave and disastrous pandemic situation.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
921	54	1:17

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
57	54	3	32	19

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Barun Kumar Pal	Assistant Professor	IUCAA Associateship
2019	Dr. Moumit Roy	Assistant	Best Programme

	Goswami	Professor	Officer Award NSS University of Calcutta Golden Jubilee Celebration of NSS University of Calcutta

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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	BSc Honours	Part-III	08/10/2020	23/10/2020
BSc	BSc General	Part-III	08/10/2020	23/10/2020
BA	BA Honours	Part-III	08/10/2020	23/10/2020
BA	BA General	Part-III	08/10/2020	23/10/2020

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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous internal evaluation is a major component of the curriculum being adopted by the college. The institution ensures that the students have effective learning experiences through innovative methodologies and new techniques of learning. Short objective tests are conducted on online mode coupled with interactive sessions so as to make the students' participation mandatory. Regular evaluations are made to help the students overcome their drawbacks. Steps are taken to enliven their dampened spirits towards achieving the targeted goals. Group discussions on Google platforms are arranged among the students in every department on topics related to the syllabus taught in the class. Academic support is rendered in the form of advice to students on how to give a presentation on the topics of their projects in every semester. Constant stress is laid on independent thinking which would be reflected in their future academic performances.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

With the aim of imparting quality education to students, the institution plans and organizes teaching/learning evaluation schedules abiding by the academic schedule and the requirements of the syllabus of the University. The academic plan is prepared at the very beginning of the session and the detailed layout of the teaching process is depicted in the academic calendar. It is distributed to the students at the time of their admission and also among the teaching and non-teaching staff of the college. It provides the examination schedule for the entire academic year, the list of holidays, and forms of evaluation conducted through the college.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://netajinagarcollegeforwomen.in/wp-content/uploads/2021/08/PO-PSO-CO-NNCW.pdf

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Honours	BA	Part III	50	39	100
General	BA	Part III	70	21	100
Honours	BSc	Part III	52	48	100
General	BSc	Part III	63	52	100
[View File](#)					

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

http://netajinagarcollegeforwomen.in/wp-content/uploads/2021/08/STUDENT-FEEDBACK-NNCW.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	1095	Science and Engineering Research Board (SERB), DST, Govt. of India	3028436	1482976
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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Nil	Nil	

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Short video competition on "Me and my environment: A Lockdown Experience"	Souravi Bardhan (SACT-I, Dept. of Environmental Science)	CSIR- NEERI, Nagpur and Vijnana Bharati	28/06/2020	Teachers
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement

Nil	Nil	Nil	Nil	Nil	Nill

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Nil	Nill

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Environmental Science	1	0
International	Mathematics	1	4.83
International	Economics	1	5.57
International	Physics	4	4.3
International	Environmental Science	1	0.56

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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Economics	4
Environmental Science	2
English	1
Education	1
Political science	1

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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Microfinance and Self- Help Group Bank Linkage Programme- Its role in alleviation of	Dr. Soma Saha	International Journal of Economic Research, Serials Publication, Vol. 17.	2020	0	Department of Economics, Netaji Nagar College for Women, Kolkata	Nill

rural poverty: a case study in Hooghly district of West Bengal						700 092, India	
An easy screening through in silico study for predictive toxicity mechanismsof Different Phthalate compounds by using online tool(Protox-II Webserver)	Moumit Roy Goswami	Journal of Advanced Scientific Research, Vol. 10 (4), Suppl 2.	2019	0		Department of Environmental Science, Netaji Nagar College for Women, Kolkata 700 092, India	1
Impact of insecticides on soil microbial biomass and its activity in eggplant (Solanum melongena L.) under field condition	Moumit Roy Goswami and Dr. Sudipta Tripathi	Annals of Plant and Soil Research, Vol. 22(1).	2020	2		Department of Environmental Science, Netaji Nagar College for Women, Kolkata 700 092, India	Nill
Constraints on quintessence scalar fields models usingcosmological observations	W. Yang, M. Shahalam, B. Pal, S. Pan, A. Wang	PHYSICAL REVIEW D 100, 023522	2019	7		Department of Mathematics, Netaji Nagar College for Women, Kolkata 700 092, India	19
Essential Oil Impregnated Luminiscent Hydroxyapati	P. Banerjee, B. Bagchi, K. Pal, S. Bhandary, A. Koola,	Materials Science and Engineering	2019	16		Department of Physics, Netaji Nagar	Nill

Title of the Paper	Name of Author	Title of journal	Year of publication		Institutional affiliation as mentioned in the publication	
te	N.A. Hoque, P. Biswas, P. Thakur, K. Das, P. Karmakar, S. Das				College for Women, Kolkata 700092, India	
Portable Self- PoweredPiezoelectric Nanogenerator and Self- Charging Photo- Power PackUsing in Situ FormedMultifunctional CalciumPhosphate Nanorod- Doped PV DF, Films.	Hoque, P. Thakur, Md. M. Saikh, S. Roy, F. Khatun, B. Bagchi and S. Das.	Langmuir	2020	0	Department of Physics, Netaji Nagar College for Women, Kolkata 700092, India	2
Photo- charging polymeric sodium-ion cell based onSZ/PV DF film	F. Khatun, P. Thakur, B. Bagchi, S. Das	Applied Physics Letters	2020	0	Department of Physics, Netaji Nagar College for Women, Kolkata 700092, India	6
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Photo- charging polymeric sodium-ion cell based onSZ/PV DF film	F. Khatun, P. Thakur, B. Bagchi, S. Das	Applied Physics Letters	2020	16	6	Department of Physics, Netaji Nagar College for Women, Kolkata 700092, India
Portable Self- Powe	P. Biswas,	Langmuir	2020	16	2	Department

redPiezoelectric Nanogenerator and Self-Charging Photo-Power PackUsing in Situ FormedMultifunctional CalciumPhosphate Nanorod-Doped PVDF, Films.	N.A Hoque, P. Thakur, Md. M. Saikh, S. Roy, F. Khatun, B. Bagchi and S. Das.					of Physics, Netaji Nagar College for Women, Kolkata 700092, India
Essential Oil Impregnated Luminiscent Hydroxyapatite	P. Banerjee, B. Bagchi, K. Pal, S. Bhandary, A. Koola, N.A. Hoque, P. Biswas, P. Thakur, K. Das, P. Karmakar, S. Das	Materials Science and Engineering	2020	16	Nill	Department of Physics, Netaji Nagar College for Women, Kolkata 700092, India
Constraints on quintessence scalar fields models usingcosmological observations	W. Yang, M. Shahalam, B. Pal, S. Pan, A. Wang	PHYSICAL REVIEW D 100, 023522	2019	7	19	Department of Mathematics, Netaji Nagar College for Women, Kolkata 700 092, India
. Impact of insecticides on soil microbial biomass and its activity in eggplant (Solanum melongena L.) under field condition	Moumit Roy Goswami and Dr. Sudipta Tripathi	Annals of Plant and Soil Research, Vol. 22(1).	2020	2	Nill	Department of Environmental Science, Netaji Nagar College for Women, Kolkata 700 092, India Department of Environmental Science, Netaji

Title	Author	Journal	Year			Department
						Nagar College for Women, Kolkata 700 092, India
An easy screening through in silico study for predictive toxicity mechanismsof Different Phthalate compounds by using online tool(Protox-II Webserver)	Moumit Roy Goswami	Journal of Advanced Scientific Research, Vol. 10 (4), Suppl 2	2019	2	1	Department of Environmental Science, Netaji Nagar College for Women, Kolkata 700 092, India Department of Environmental Science, Netaji Nagar College for Women, Kolkata 700 092, India
Microfinance and Self- Help Group Bank Linkage Programme- Its role in alleviation of rural poverty: a case study in Hooghly district of West Bengal	Dr. Soma Saha	International Journal of Economic Research, Serials Publication, Vol. 17.	2020	Nill	Nill	Department of Economics, Netaji Nagar College for Women, Kolkata 700 092, India

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	30	48	4	5
Presented papers	3	Nill	Nill	Nill

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Thalassaemia Screening Camp	NSS UNITS and Institute of Haematology and Transfusion Medicine Medical College, Kolkata	2	104
Preparation Covid-19 Awareness Video by NSS Units including NSS volunteers from Dept. of Environmental Science and Zoology	NSS UNITS	2	10
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Lok Nritya (Folk Dance)	First Prize	Department of Youth and Sports Govt. of West Bengal	1
Dance	Second Prize	Picnic Garden Yubha Sanga, Kolkata Reg No. 8/78174	1
Classical Dance	Third Prize	Subhasgram Chhatramahal Club, Registered under West Bengal Society Act. No. S/53072/86/87	1
Poster Competition	First Prize	Society for Nutrition and Dietetics, Kolkata	1
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Nil	Nil	Nil	Nill	Nill
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Nil	Nil	Nil	00

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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
MOU	WEB DEVLOPMENT	Industry ESSR INFOSYS 17.Charu Chandra Place (East) Kolkata: 700033	01/07/2019	30/06/2020	5
MOU	COMMUNICAT IVE ENGLISH/ SPOKEN ENGLISH	Industry ESSR INFOSYS 17.Charu Chandra Place (East) Kolkata: 700033	01/07/2019	30/06/2020	21
MOU	ART AND CRAFT	Industry ESSR INFOSYS 17.Charu Chandra Place (East) Kolkata: 700033	01/07/2019	30/06/2020	24
MOU	FINANCIAL ACCOUNTING WITH GST	Industry ESSR INFOSYS 17.Charu Chandra Place (East) Kolkata: 700033	01/07/2019	30/06/2020	6
MOU	TEACHER'S TRAINING	Industry ESSR INFOSYS 17.Charu Chandra Place (East) Kolkata: 700033	01/07/2019	30/06/2020	17
MOU	MULTIMEDIA ANIMATION WITH 3D MAX	Industry ESSR INFOSYS 17.Charu	01/07/2019	30/06/2020	8

| | Chandra Place (East) Kolkata: 700033 | | | |

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
ESSR INFOSYS An ISO9001:2015 Certified Organization 17.Charu Chandra Place (East) Kolkata: 700033	26/03/2019	Diploma and Certificate Courses	84

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Newly Added
Campus Area	Existing

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Partially	3.14 Customized by Bengal Library Association	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text	9530	1242293	309	210669	9839	1452962

Books						
Reference Books	1441	375031	Nill	Nill	1441	375031
Journals	14	17900	Nill	Nill	14	17900
CD & Video	27	Nill	Nill	Nill	27	Nill

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nill

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	34	1	17	2	1	3	16	150	0
Added	10	1	10	0	0	0	0	0	0
Total	44	2	27	2	1	3	16	150	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

150 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Nil	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
0	0	0	0

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

Classrooms: Building subcommittee of the college looks after the maintenance of the Class Rooms. This year two new Class Rooms in First Floor (One Class Room) and in the Second Floor (One Class room) has been completed with the grants received from RUSA 2.0 and also from the college fund. Major works are

done by Public Works Department, W.B. Minor repair and renovation work is done with the help of college fund. The Class Rooms are regularly cleaned and electricity facilities are regularly monitored. Laboratory: There College has eleven laboratories namely - Botany (2), Chemistry(1), Environmental Science (1), Food and Nutrition(1), Physiology(1), Physics(1), Zoology (3), Film Studies (1). This year new instruments and equipments are purchased for all the above mentioned laboratories from RUSA 2.0 Fund. The purchase of instruments and equipments for the laboratories are entirely done through tendering and e-tendering in the college website after the approval from Finance Committee of the College and Project Monitoring Unit of RUSA 2.0. Apart from that Recurring expenditures are provided from the College Fund to different Science departments for smooth conduction of laboratory experiments. Instruments purchased at different times are recorded in a stock register, maintained by the Heads of the respective departments. To cope with the newly introduced CBCS syllabus, new instruments are purchased from time to time. Repairing of the instruments is done by skilled technicians, as and when required. Laboratories are regularly looked after for their consumables reagents and are regularly maintained by the respective teaching faculties of the lab based departments as well as by the laboratory assistants. Library: Library sub-committee constituted by the Principal, Librarian Teachers' representatives from different departments of the College. The Library has total approximately 10,000 text books and 1500 Reference books, print journals. Library facilities are provided to all the teachers and students. Koha software is being used for automation of the library. The automation of the library is in progress. Accounts of visitors are recorded on daily basis. Suggestion book is kept inside the reading room for taking feedback. Library sub-committee meetings are held for proper maintenance of the Library. Journal/Magazine, Daily Newspapers, Employment oriented Newspapers are subscribed on a regular basis. CCTV is used for ensuring safety and security of the Library. Sports and Cultural Activities: Sports and Games development sub-committee of the Teachers' Council looks after all sports related matter of the College. The college organizes Annual Sports and other cultural activities like Annual Social, Prize Distribution Ceremony, Quiz, Extempore competitions every year. This year the Annual Sports was organized on 07/02/2020 with 250 participants. Annual Sports is organized each year with representation from Students, Teachers and Non-Teaching staff of the College. Sports equipments are purchased as and when required. Computers and ICT: In the year 2019-20 ten new computers, ten new wifi-adapters and two new all in One Laser Printers has been purchased through RUSA 2.0 fund. The college website shares all relevant notice to all stakeholders. The ICT and Website management sub-committee looks after the up-gradation of College website and uploading of various notices on the web-site. All Science departments, Teachers room and office are provided with desktops. The college has two classrooms ICT enabled classrooms. The ICT enabled classrooms are provided with projector and laptops which are availed by all the departments to project seminars and films for the students, as and when required. There are annual maintenance contract for the computers and IT infrastructure. Internet is available to all teaching and non-teaching staffs during office hours. Other facilities: • Annual Maintenance of the Green Generator with Acoustic Enclosure (45 KbA) is done regularly by the vendor. • Regular water supply is ensured in the taps. • Drinking water facility is provided by installed in all floors of the college The Water purifiers coolers which is maintained through AMC with the vendor. • Pest control chemicals are applied in the library along with other Departments and laboratories on regular basis particularly before vacations. • One Sanitary Napkin Vending Machines are being provided for the welfare of the students and is maintained through AMC with the vendor. • Along with Library for security and safety reasons, the entire college along is brought under the CCTV surveillance which is maintained through AMC with the vendor. • A temporary gardener is appointed for weeding,

| | | planting, pruning and watering as well as the general maintenance of the college and hostel garden. |

| http://netajinagarcollegeforwomen.in/wp-content/uploads/2021/09/proceduresandpoliciesformaintainingandutilizingphysical.pdf |

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Kanyashree (K1), Kanyashree (K2), Swami Vivekananda Merit and Means Scholarship, Minority Scholarship	104	1006200
Financial Support from Other Sources			
a) National	Nil	Nill	0
b)International	Nil	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Nil	Nill	Nill	Nil
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	Nil	Nill	Nill	Nill	Nill
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	2

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations	Number of students	Number of stduents placed	Nameof organizations	Number of students	Number of stduents placed

visited	participated		visited	participated	
Nil	Nill	Nill	Nil	Nill	Nill
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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	8	B.Sc (Hons.)	Zoology	University of Calcutta , Diamond harbour women University, Netaji Subhas Open University, Ramakrishna Mission Vivekananda Educational and Research Institute	M.Sc/P.G
2019	5	B.Sc (Hons.)	Environmental Science	University of Calcutta, Asutosh College, Kolkata, Ramakrishna Mission Vivekananda Educational and Research Institute, IISWBM, Kolkata	M.Sc/MBA
2019	12	B.Sc (Hons.)	Food and Nutrition	University of Calcutta, IGNOU	M.Sc.
2019	1	BA (Hons.)	Philosophy	University of Burdwan	MA
2019	4	BA (Hons.)	History	Rabindra Bharati University	MA
2019	9	BA (Hons.)	Bengali	University of Calcutta, Rabindra Bharati University	MA
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
Any Other	1

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Annual Sports	Institutional	250
Sharod utsav	Institutional	210
College Foundation Day	Institutional	260

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Nil	Nill	Nill	Nill	Nil	Nil

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

1. Cultural Sub-committee 2. Sports Sub-committee 3. IQAC 4. Hostel Sub-committee 5. NSS Units 6. Kanyasree Sub-committee

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The institution has a mechanism of seeking expert opinion, advice and suggestions from various functionaries in order to ensure a decentralized governance system (A). At the Faculty level - The Principal and the Teachers' Council of Netaji Nagar College for Women propose different committees for planning and implementation of different policies related to the teaching learning activities and students' administration. Academic policies were adopted based on recommendations of different sub-committees. Faculty members

were given representation in various sub-committees nominated by the Teacher's Council. At regular intervals the composition of different sub-committees was changed to ensure that teachers are uniformly exposed to duties for academic and professional development of faculty members. Following sub-committees had been nominated by Teacher's Council with the approval of Principal of the Netaji Nagar College for Women in the year 2019- 2020: a). Admission Sub-committee, b). Examination Sub-committee, c). Routine Sub-committee, d). Library Sub-committee, e). Games and sports Sub-committee and f). Cultural Sub-committee etc. Further, a Project Monitoring Unit (PMU) was constituted in 2018-19 and the same PMU is functioning as per the guidelines of government in order to monitor the progress of works funded by RUSA. (B). At the Student and Non-teaching staff level – Students were advised to take part in different activities, especially the General Secretary of the Students' Union played important role which further reinforces de-centralization. Non-teaching staff of the college were given representation in the various sub-committees and their feedbacks were recorded while taking important decisions. Participative Management – Netaji Nagar College for Women encourages participative management at the strategic and operational level. (A). At the strategic level – The Principal, faculty members, students, non-teaching staff and external members of the IQAC cell of this institution were involved in adopting policies procedures and defining guidelines of rules regulations concerning admission of the students, examination, finance etc. (B). At the operational level – The Principal and Bursar of the institution interacts with the government and external agencies for smooth functioning of the college. Faculty members share their knowledge and views for successful implementation of policies. Moreover, the students and the non-teaching staff help the college authority for the successful completion of various academic and extracurricular activities of the college. However, the various academic and extracurricular activities of the college was largely compromised by the lock-down period.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Course curriculum was set by the respective Undergraduate Board of Studies of the University of Calcutta. The first batch of Choice Based Credit System (CBCS) will write their final examination in July - August 2021. So far, the feedback from students' side about the new Choice Based Credit System was good. Several questionnaires had been distributed among the students and their responses were recorded centrally and by the individual departments. Academic mentoring of the students was done by the faculty members of different departments of Netaji Nagar College for Women.
Teaching and Learning	Several webinars, seminars on current happenings, especially the impact of COVID – 19 on higher education and online teaching were organized. Regular

	use of ICT in the classrooms was not possible because the academic session was hampered by the lock-down period imposed by the government. The college had admitted the current situation and encouraged students to attend the online classes conducted by the different departments of Netaji Nagar College for Women.
Examination and Evaluation	? Examination and Evaluation: Online examination and evaluation in terms of class test, tutorials and final semester University examinations were conducted throughout the year in order to monitor the students. Semester examinations along with yearly examinations of the non-CBCS curriculum were conducted by the college as per the directives of the University of Calcutta. Parent teacher meetings (online) or telephonic feedback were given by the different departments to the guardians. An examination sub-committee had been set up by the Teacher's Council for the effective implementation of the evaluation system.
Research and Development	The college authority has always encouraged the faculty members to write minor and major projects. The college also encouraged their faculty members to attend national and international webinars / seminars directly or indirectly.
Library, ICT and Physical Infrastructure / Instrumentation	Library of Netaji Nagar College for Women is the knowledge resource for students and teachers. In 2019 – 2020, substantial addition have been made, such as new books were purchased for the reference and issue sections. New instruments were purchased and kept at the central instrumentation facility. The college is seriously considering the use of online teaching and e-study materials from the internet as future possible source of imparting education.
Curriculum Development	A building sub-committee consisting of faculty members, office staff and external members had been nominated by the college authority to assist with planning and execution of any vertical extension of the college and development of the "Sister Nivedita Hostel for Girls" building. The building sub-committee and the finance sub-committee worked hand in hand in

	order to maintain harmony between grants received and budget allocation.
Industry Interaction / Collaboration	Due to lock-down period imposed by the Government, regular or offline workshops could not be conducted in collaboration with the industries.
Curriculum Development	Course curriculum was set by the respective Undergraduate Board of Studies of the University of Calcutta. The first batch of Choice Based Credit System (CBCS) will write their final examination in July - August 2021. So far, the feedback from students' side about the new Choice Based Credit System was good. Several questionnaires had been distributed among the students and their responses were recorded centrally and by the individual departments. Academic mentoring of the students was done by the faculty members of different departments of Netaji Nagar College for Women.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	A building sub-committee consisting of faculty members, office staff and external members had been nominated by the college authority to assist with planning and execution of any vertical extension of the college and development of the "Sister Nivedita Hostel for Girls" building. The building sub-committee and the finance sub-committee worked hand in hand in order to maintain harmony between grants received and budget allocation.
Administration	Management Information System (MIS) was working properly. Important notices and circulars were uploaded in the college website, SMS including important information were sent to the stake holders, advertisement, expression of interest, work orders were placed by the process of e-tendering following standard protocol. The whole process of students' admission was successfully conducted based on the notices and circulars displayed on the website. Most of the important documents were stored digitally and the communication to the University of Calcutta and the government were made electronically.
Finance and Accounts	Salary bills were submitted to the treasury using IFMS and salary of

	faculties staff was directly transferred to their bank account. Purchase of items were done following E-tender procedure as per government guidelines. Payment of work orders were passed after the approval of the finance sub-committee, Principal and the Administrator of Netaji Nagar College for Women.
Student Admission and Support	Students admitted in the academic year 2019 – 2020, submitted their application through the online admission portal system. Merit list was prepared and uploaded on the college website. Based on the merit list students were given online mandate to take admission in the department of their choice within a stipulated time frame.
Examination	Internal assessment and semester examinations were conducted online as per the guideline of the University of Calcutta. Examinations related to the existing evaluation system (that is 111 system) and the new CBCS system were conducted in the college. Faculty members of different departments were responsible for uploading marks in the University portal.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Nil	Nil	Nil	Nill
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	Nil	Nil	Nill	Nill	Nill	Nill
[View File](#)						

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the	Number of teachers	From Date	To date	Duration

professional development programme	who attended			
One Day Workshop (Murulidhar Girls' College)	1	13/07/2019	13/07/2019	1
One Day Orientation Programme (Asutosh College, Kolkata)	1	03/08/2019	03/08/2019	1
Refresher course in Environmental Science and Disaster Management organized by UGC – HRDC Ranchi University	1	12/09/2019	25/09/2019	14
A Seven Day International Workshop on "Research in Culture and Humanities: Methodological……Trends" by University of Gour Banga, Dr. Shyama Prasad Mukherjee University and Byanjanbarna Foundation, Kolkata	1	17/10/2019	23/10/2019	7
Two Day International Conference, (Dept. of Economics, University of Burdwan)	1	19/02/2020	20/02/2020	2
One Day Workshop (Heramba Chandra College, Kolkata)	1	22/02/2020	22/02/2020	1
57th Orientation Course	2	09/03/2020	28/03/2020	21

(OC2-19), organized by UGC – HRDC, Dr. Hari Singh Gour Vishwavidyalaya , Sagar, M. P.				
A 5-Day Online Faculty Development Programme (eFDP) on "Post-COVID 19….Readiness" organized by Enterprise Development Institute, Kolkata	1	17/05/2020	21/05/2020	5
A 2-Week Faculty Development Programme on "Research Methodology" by MHRD, Govt. of India	1	20/06/2020	30/06/2020	11
A 5-Day online Faculty Development Programme on "Teaching Learn ing…..Challenge s" organized by IARA, Barrackpore Rastraguru Surendranath College and Panihati Mahavidyalaya, West Bengal	1	25/06/2020	29/06/2020	5
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
6	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Staff Cooperative	Staff Cooperative	To increase the quality of life of the students in future, Thalassemia screening are done. Students were encouraged

to apply for Kanyashree scheme of the Government of West Bengal. Economically weaker students are given support to apply for Vivekananda Merit Scholarship. Also the college has helped the economically weaker students by giving financial support from the student welfare fund of the college.

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The college is a government aided institution and the financial audit is conducted by the External auditor appointed by the Higher Education Department, Govt. of West Bengal

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	nil

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6.4.3 – Total corpus fund generated

00

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nill	No	Nill
Administrative	No	Nill	Yes	S.N Singh and Company (Chartered Accountants), Kolkata

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Parents-teacher meeting or telephonic feedback were given to the guardians of weaker students in different departments. 2. The parents of the students are contacted to brief them about low attendance of their ward in the classes. 3. Parents suggestions are also recorded to provide personalize support to particular students

6.5.3 – Development programmes for support staff (at least three)

1. RUSA Meeting 2. West Bengal Government Health Scheme Workshop 3. Interface meetings on different issues conducted by the Government of West Bengal.

6.5.4 – Post Accreditation initiative(s) (mention at least three)
1. Gradual increase in the use of ICT by the faculty members in the teaching learning process. 2. Online classes by the faculty members to conduct online classes particularly during Lockdown period 2. Rain water harvesting. 3. Vermicomposting Unit. 4. Renovation of College building, Hostel, Staff room, Office under RUSA.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Student Induction Programme along with Teachers' council	01/07/2019	01/07/2019	01/07/2019	430
2019	Installation of Vermicomposting Unit along with Popular Lecture on Vermicomposting from Waste Materials by Dr. Sudipta Tripathi, Farm manager, Agricultural Experimental Farm, University of Calcutta with NSS Units of the College.	07/08/2019	07/08/2019	07/08/2019	80
2019	Release of wall magazine 'Spark' and Newsletter 'Synthesis' along with Quiz competition	27/08/2019	27/08/2019	27/08/2019	93

Year	Title	Date	Date	Date	Participants
	by Department of Zoology Release of wall magazine 'Enviroscope' by Department of Environmental Science				
2019	Quiz, poster presentation and Health camp for observation of National Nutrition Week along with popular lecture by Prof (Dr.) Debnath Chaudhuri, Ex Professor and Head, Department of Biochemistry, AIIHPH, Kolkata by Department of Food and Nutrition	16/10/2019	16/10/2019	16/10/2019	76
2020	Preparation Covid-19 Awareness Video by NSS Units including NSS volunteers.	15/05/2020	15/05/2019	15/05/2020	12
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Nil	Nill	Nill	Nill	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
1. Installation of Vermicomposting Unit. 2. Use of Rain Water Harvesting System. 3. Vinyl Board at different floors of the College for promoting awareness against wastage of Electricity 4. Planting Programme by NSS Units of the College 5. Use of Power Saving LED lights in College and Hostel

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	3
Provision for lift	No	Nill
Ramp/Rails	Yes	3
Braille Software/facilities	No	Nill
Rest Rooms	Yes	3
Scribes for examination	No	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2019	Nill	Nill	20/09/2019	1	Thalassaemia Screening Camp in collaboration with Institute of Haematology and Transfusion Medicine Medical College, Kolkata	Public Health	106
2020	Nill	Nill	15/05/2020	1	Preparation Covid-19 Awareness Video by NSS Units including	Public Health Awareness	12

2019	Nill	5	20/02/2020	20	Preparation of Peoples Biodiversity Register for Ward No. 98 (Kolkata Municipal Corporation) and Submission to West Bengal Biodiversity Board by Dept. of Environmental Science and Zoology	Biodiversity Conservation	30
2019	Nill	1	01/11/2019	90	Special Summary Revision of Photo Electoral Roll	Election of 152 Tollygunj Assembly Constituency, and 22 Jadavpur Constituency	2
2019	Nill	Nill	30/09/2019	1	Fund raising along with donation of clothes to local marginal fisherman people of Kakdip, Namkhana and Sagar	Philanthropic activity and relief work	17

NSS volunteers from Dept. of Environmental Science and Zoology

					in association of Sundarban Samudrik Matsyjabi Shramik Union	

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
e Prospectus 2019-20 for students	01/07/2019	Illustration of the code of conduct for students in the college is provided in the e prospectus (2019-20)

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Independence Day	15/08/2019	15/08/2019	140
Celebration of Republic Day	26/01/2020	26/01/2020	120
Celebration of Birth Anniversary of Netaji Subhas Chandra Bose	23/01/2020	23/01/2020	60
Celebration of University Foundation Day	24/01/2020	24/01/2020	32
Celebration of Saraswati Puja	31/01/2020	31/01/2020	150
Celebration of '200th Birth Anniversary of Pandit Iswar Chandra Vidysasagar along with Poster Competition for Students by Dept. of Bengali	27/09/2019	27/09/2019	80
Rabindra Smaran (Remembering Kavi Guru Rabindranath Tagore by Dept. of Bengali	08/08/2019	08/08/2019	72

[View File](#)

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Installation of vermicomposting unit. 2. Use of power saving LED lights in College and Hostel. 3. Regular maintenance of College and Hostel Garden 4. Use of rainwater harvesting system. 5. Vinyl Board at different floors of the college for promoting awareness against wastage of electricity.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE -1 Title of the practice: Thalassaemia Awareness and Screening Camp programme. The context that required the initiation of the practice: Thalassaemia is an inherited haemoglobin disorder and is considered as life-threatening. Understanding local socio-cultural context and level of proper awareness about thalassaemia is crucial for selecting effective prevention strategies.One of the prevention methods of thalassaemia is carrier detection. Large scale awareness campaigns are being organized in India both by government and non-government organizations in favour of voluntary premarital screening to detect carriers of thalassemia and marriage between both carriers are strongly discouraged. Objectives of the practice: The objective of the Thalassaemia Awareness and Screening Camp programme was premarital screening for thalassemia for all students and staffs of the College so that carriers of thalassaemia (if any)can be detected at the earliest and the disease can be prevented in future. The Practice: The Thalassaemia Awareness and Screening Camp programme was organised by NSS Unit I and Unit II in collaboration with Institute of Haematology and Transfusion Medicine, Medical College, Kolkata on 20/9/2019 for the benefit of Students, Teachers and Non-Teaching staff of the College.It is noteworthy to mention here that the practice of organising Thalassaemia Awareness and Screening Camp programme is being done by the College since 2017 onwards. This year (2019-2020) Thalassaemia screening is done for a total of 106people involving Students, Teachers and Non-Teaching staff of the College. Impact of the practice:All 106people who were screened for thalassaemia were provided reports of their thalassaemia screening conducted by HPLC from Institute of Haematology and Transfusion Medicine, Medical College, Kolkata. Apart from that those who were detected carriers were given proper and useful counseling regarding prevention of thalassemia in near future. BEST PRACTICE -2 Title of the practice: Installation of Vermicomposting Unit and Upgradation of Rain Water Harvesting System. The context that required the initiation of the practice:Waste Management and conservation of rainwater are of immense importance in the current scenario in attaining environmental sustainability. Understanding the value of the above mentioned context and generating environmental consciousness among all stakeholders of the college the installation of vermicomposting unit and upgradation of rain water harvesting system was initiated. Objectives of the practice:The objective of the installation of vermicomposting Unit was to prepare vermicompost from waste materials generated day to day in College so that waste generated in the college can be properly managed and further used as compost in college garden following waste to wealth approach. The objective of upgradation of rainwater harvesting system in the college is to conserve more rainwater and utilization of the same for different purposes in the College. The Practice: The Vermicomposting Unit was installed on 7th August, 2019 as per proposed Future plans of AQAR 2018-19. Before installation a popular lecture on Vermicomposting was organized to provide in depth knowledge to Students, Teachers and Non-teaching staff of the college regarding the importance of vermicomposting, its preparation from waste materials generated day to day in College and its use. The lecture was delivered by Dr. Sudipta Tripathi, Farm Manager, Agricultural Experimental Farm, University of Calcutta. For installation of the vermicomposting unit and preparation of vermicompost, earthworms were collected from Agricultural Experimental Farm, University of Calcutta and biodegradable waste materials generated in the college were also collected. This year the College has successfully upgraded the rainwater harvesting system as installed in 2018-19for more collection and use of rainwater for different purposes in the College.Both Vermicomposting Unit and Rainwater Harvesting System are well maintained by the College. Impact of the practice:The College always follows the practice of using organic manure and compost in College campus garden

College campus garden named as 'Nabin Bithi' as a part of maintaining eco-friendly campus. This year after installation of Vermicomposting Unit the College moved one step ahead of preparation of vermicompost from waste materials generated in College itself and using the prepared vermicompost in College Garden. Apart from that after upgradation of the rain water harvesting system more rainwater were harvested and used for different purpose in the college. This is truly acting as a supplement in meeting demand of water supply of the college along with the conventional water supply in College by Kolkata Municipal Corporation.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://netajinagarcollegeforwomen.in/wp-content/uploads/2021/08/BEST-PRACTICES-2019-2020_NNCW.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

The College has the fine practice of raising funds and donation of useful materials to help people from weak economic background. This year a Fund of Rs 8100/- were raised. The total fund raised along with clothes were donated to families of local marginal fisherman of Kakdip, Namkhana and Sagar in association with Sundarban Samudrik Matsyjabi Shramik Union. Also a fund of Rs 10,250/- was raised and donated to victims of Cyclone Amphan during COVID-19 pandemic from Kakdip, Namkhana and Sagar, Kultali and Contai. Earlier in 2018-19 Rs 11, 642/ fund was raised from Teaching, Nonteaching staff and students of the College and deposited to Chief minister distress relief fund for Kerala for flood victims of Kerala. In 2017-18 useful materials for Assam flood victims were sent in collaboration with NGO Goonj. Each year the NSS units (NSS Unit-I and II) of the College conduct Thalassaemia awareness and screening camp in the College keeping in mind the health of the students. This year Thalassaemia awareness and screening camp was organised in collaboration with Institute of Haematology and Transfusion Medicine Medical College, Kolkata. Apart from that, in order to aware people of the society during COVID-19 pandemic NSS volunteers from both the Units prepared an awareness video on COVID-19 pandemic and uploaded the same in the College website.

Provide the weblink of the institution

http://netajinagarcollegeforwomen.in/wp-content/uploads/2021/07/Institutional-Distinctiveness-2019-20.pdf

8.Future Plans of Actions for Next Academic Year

1. Introduction of more Honours courses in few Science and Humanities subjects. 2. Enhancement of academic excellence. 3. Emphasis on online teaching learning process. 4. Enhancement of infrastructural facilities from RUSA fund 5. Enhancement of social responsibility among students through activities of NSS 6. Integration of the institution with the society. 7. Faculty exchange with other educational institution. 8. Installation of Solar Panels. 9. Conduction of complete green audit of the college and hostel campus. 10. Upgradation of College library with INFLIBNET.