



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		KALYANI UNIVERSITY
Name of the head of the Institution		Prof. Manas Kumar Sanyal
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		+913325828750
Mobile no.		9434451520
Registered Email		vc_kalyani@klyuniv.ac.in
Alternate Email		iqac@klyuniv.ac.in
Address		University of Kalyani, Kalyani-741235, Nadia, West Bengal
City/Town		Kalyani
State/UT		West Bengal
Pincode		741235

2. Institutional Status					
University	State				
Type of Institution	Co-education				
Location	Semi-urban				
Financial Status	state				
Name of the IQAC co-ordinator/Director	Prof. Nanda Kumar Ghosh				
Phone no/Alternate Phone no.	+913325828750				
Mobile no.	9748827493				
Registered Email	iqac@klyuniv.ac.in				
Alternate Email	nkg@klyuniv.ac.in				
3. Website Address					
Web-link of the AQAR: (Previous Academic Year)	https://klyuniv.ac.in/wp-content/uploads/2022/iqac/AOARStatusReport/AOAR_2017-2018_Report.pdf				
4. Whether Academic Calendar prepared during the year	Yes				
if yes,whether it is uploaded in the institutional website: Weblink :	https://klyuniv.ac.in/academic/academic-calendar/pg-calendar/				
5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	Three Star	70	2001	21-May-2001	20-May-2006
2	B	2.67	2008	16-Sep-2008	15-Sep-2015
3	A	3.12	2016	16-Dec-2016	15-Dec-2021
6. Date of Establishment of IQAC	23-Oct-2008				
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
Application verification for promotion under CAS	02-Jul-2018 6	30
Responses given to many RTI and other queries for Promotion /Recruitment	02-Jul-2018 20	75
Feedback data collection and analysis	02-May-2019 22	1700
Periodical workshops to aware Heads of Academic departments and Centres regarding quality enhancement.	02-Jul-2018 3	45
Academic Administrative Audit (AAA)	04-Mar-2019 10	232
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8. Provide the list of Special Status conferred 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
Economics	Special Assistance Programme (SAP), DRS II	UGC	2018 1825	9200000
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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 :

1

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)

During this period, Application verification subcommittee under the purview of IQAC has screened 30 applications for promotion under CAS.

Responded to 75 RTIs and other queries for promotion /recruitment raised by applicants for CAS or direct recruitments.

Collected feedback data from students, Parents, and Alumni for the preparation of Annual report and to promote quality enhancement for teaching-learning & evaluation, infrastructure.

3 Workshops have been organized to make the Heads of Academic departments Centers aware regarding quality enhancement as prescribed by NAAC.

Academic Administrative Audit (AAA) was conducted by the internal AAA Committee during March 2019.

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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	Achievements/Outcomes
1. To strengthen the existing academic programmes, the important and immediate plan would be to fill up the vacant faculty positions following the certified 100point roster.	1. Twenty teachers joined the vacant posts of various departments of the University through screenings and interviews following the approved 100point Roster of teachers.
2. More instruments are to be purchased in the laboratories of Physics, Chemistry, Zoology and Botany to accommodate the needs of the modified syllabi as per UGC guidelines.	2. The University received Rs. 10 Crore financial grant under Rashtriya Uchchar Shiksha Abhiyan (RUSA) where 75 lakhs have been allotted for procurement of Laboratory Equipment. Out of this grant, some laboratory equipment has been purchased for the departments like Physics, Chemistry, Botany, Geography, Zoology and Ecological studies etc.
3. In science faculty, more attention will be paid for collaborative interdisciplinary research as well as to submit proposals to organize seminar/conferences of International/National level.	3. Some departments like Biochemistry & Biophysics, Chemistry, Physics and Botany take initiatives to strengthen interdisciplinary research works. Periodical seminars/conferences have been organized centrally by these departments.
4. In the University campus, there exists one NCC Group Centre where NCC Cadets from different parts of West Bengal and outside the State are being	4. Preliminary discussions have been made with the NCC officials to open a Unit of NCC in the University.

trained. We have plans to open a Unit of NCC in the University to train our students (both male female) so that they can render services to the nation on behalf of national defense system.

5. National Service Scheme (NSS) unit of the University will be increased to spread awareness to a large section of the rural people. Fields of awareness will be literacy, health, gender equity and social awareness programme at the National/State level.

5. NSS Cell, University of Kalyani organized various programmes throughout the year in collaboration of Industry, Community and NGO. The programmes are like Youth Parliament Camp, World Ozone Day, participation in Kolkata Book Fair, and International Yoga Day.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
Executive Council	26-Mar-2022

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

2019

Date of Submission

20-Feb-2019

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

The institution has the following management information systems: 1. Computerized book accession, lending and collection of books have been introduced in the Central library. Checking of plagiarism for research papers and theses are done in the central library using TURNITIN and Urkund software. 2. Notifications of all meetings are shown in the University website. Government orders, Circulars are displayed through online mode only. 3. Meetings of the statutory bodies like Court, Executive Council, Faculty Councils, Board of Studies are conducted regularly. IQAC meetings, meetings for preparation of AQAR are held periodically. In the departments,

meetings of Departmental Committee (DC) and Departmental Research Committee (DRC), Postgraduate Board of Studies (PGBOS) are conducted regularly. 4. Syllabi of different subjects, M.Phil., Ph.D., D.Sc. D. Litt. Regulations are shown in the University website. Admission system is partially automated. Starting from admission notification, number of vacancies in different departments, eligibility criteria are done through computerized admission portal. Verifications of applications, preparations of merit lists, counselling and admissions are done through offline mode. 5. Etenders for purchase of equipment, preparations of salary bills , disbursements of salaries and pensions to employees and day to day works of accounts section are performed online. 6. In the Controllers section, examinations and evaluation systems are carried out in a transparent manner following the guidelines of UGC and State Government. Regular meetings of UG and PG Board of Studies are arranged. In house spot evaluation for quick publication of results is done. All the records related to evaluations are maintained in the Controller of examinations section. Grievances of the students queries are properly addressed. 7. The issues of equivalence of degrees are resolved by the Equivalence Committee of the University. 8. UGC Regulations and Guidelines are followed to carry out all research programmes. Research proposals are evaluated by an expert committee with the Dean of the respective faculties as the Chairperson. One University Research Scholar(URS) is allotted to every faculty member of the university. The selection of the URS is made through a meeting of the DRC of the respective department. The progress reports of all research fellows are examined by a committee formed by University authority.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
MA	Pol. Sc.,	PG	02/01/2019
MSc	Botany, Env. Sc.	PG	06/07/2018
MPed	Phy Edn.	Teacher Training	11/06/2019
BPed	Phy Edn	Teacher Training	11/06/2019
MPhil	Env. Sc.	MPhil	11/01/2019
BA	Geo	UG	11/06/2019
MFA	Fine Arts	PG	18/04/2019
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1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Null	NA	Null	NA	Null
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Null	NA	Null
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Null	NA	Null

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
NA	Null	0
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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
Null	NA	0
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No

Alumni	Yes
Parents	Yes

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

Feedback Obtained

Feedback is sought from different stakeholders on a regular basis. The questionnaire consists of queries related to a variety of issues starting from the nature of the course content and the course coverage to the interest generated by teachers, teaching practice/materials, accessibility to teachers, attendance of students, examination and evaluation procedure, library and computer facilities and the like. Student feedback is analyzed and steps adopted accordingly for the improvement of the overall teaching-learning environment.

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
MSc	Mathematics	92	837	92
MA	Bengali	165	747	165
MA	English	117	499	90
MCom	Commerce	115	84	64
MEd	Teacher Training	50	147	50
MSc	Chemistry	67	1500	65
MBA	Business Administration	40	60	33
MCA	Computer Application	30	25	25
MPed	Teacher Training	40	115	40
Mtech	Computer Science	18	66	15

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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
2018	44	1479	7	158	3

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	Number of smart classrooms	E-resources and techniques used
165	163	12	49	18	7
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)

Different academic departments have adopted different methods of students' mentoring formally or informally. Students are apprised of the courses, syllabi, job prospects etc. by the teachers at the start of the semesters. We list below the activities of some departments in this regard during 2018-19: Education: • Applicable to M.A./M.Sc. M.Ed. 4th Sem. As dissertation mentor. • Internship of B.Ed. 3rd Sem. under mentor of different pedagogy subjects. Internship of M.Ed. 3rd Sem. students under mentor in different schools during supervising practice teaching skills of B.Ed. 3rd Sem. students of different pedagogy subjects. Environmental Science: Each student allotted with a mentor. The mentors are directly interacting with the students for their academic and professional development. Tutorial class through interactive session, mentoring of the students' groups, Tutorial class through interactive session, field visit, Excursion and educational tour for industrial and environmental exposure, special lectures arrangement by eminent academicians/scientist/industry persons. Library and Information Science: Students from 3rd semester are allotted respective supervisors for completion of the guided research work to be submitted at the end of the 4th semester Microbiology: The courses include inter-alia, collaborative efforts with different institutes, industries, clinical laboratories and other agencies. Hence, the post-graduate or Ph.D. courses may open multi-channel opportunity of employment and entrepreneurship. The interdisciplinary nature of research is reflected in the faculty members, who have shown their collaborative approaches with the other laboratories both at National and International levels (University of Calcutta, Bose Institute, IISER-Kolkata, IIT-Kharagpur, Bidhan Chandra Krishi Viswavidyalaya, Central Inland Fishery Research Institute, Tripura University, Chittaranjan National Cancer Institute, WB State University, Nagoya University, Fukuoka Institute of Technology). Philosophy: Students are assigned to a faculty member at the commencement of the program. Mentors meet their students and guide them with their studies and extracurricular activities. They also provide advice relating to career guidance and personal problems. Parents of the students are timely informed wherever the necessity arises such as lack of attendance, poor academic performance and psycho-social problems. It manages student personal information, academic performance, participation in Curricular and Co-curricular activities and employment information. Sanskrit: Because the majority of the students admitted here are often first-generation learners, additional attention should be devoted to them at all times. We normally go out of our way to teach them Sanskrit from the basic level so that they can write it fluently. To observe the students individually, we divide them into many groups. Teacher always advise them to read the required books so that they can better adapt to Sanskrit study. They are always willing to help students with their last semester project work. Visual Arts Besides the normal class routine schedule the teachers interact with the students through group discussions and assessment, and also organize individual interactive session with the students. Within these sessions the field investigations are also seen and displayed for further proposals. Zoology: Departmental library with 10 high end computers with internet and LAN. Practical rooms, Sophisticated laboratories for different fields of research in Biological sciences.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1523	165	1:9

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
303	165	138	20	150

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	Designation	Name of the award,
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	receiving awards from state level, national level, international level		fellowship, received from Government or recognized bodies
2018	Sukhen Biswas	Professor	Awarded Best Programme Co-ordinator of NSS in 2018, Govt. of West Bengal
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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
MA	PG	4th	17/06/2019	05/07/2019
MCom	PG	4th	17/06/2019	05/07/2019
MSc	PG	4th	17/06/2019	05/07/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
9	28720	0.031

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)

https://klyuniv.ac.in/

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
UG	BCom	Hons .	409	317	77.50
UG	BSc	Hons .	2752	2256	81.97
UG	BA	Hons .	10840	8842	81.56
UG	BCom	Gen .	249	194	77.91
UG	BSc	Gen .	626	532	84.98
UG	BA	Gen .	13844	8731	63.06
PG	MA	All	927	886	95.5
PG	MCom	All	30	30	100
PG	MSc	All	482	449	93.15

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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)

<https://klyuniv.ac.in/wp-content/uploads/2022/igac/sssreport/SSS2018-19.pdf>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. Swarup Kumar Chattopadhyay, Dept. of Chemistry	MIF fellowship	01/07/2018	Japan
International	Prof Nilasish Nandi, Dept. of Chemistry	Leadership for Academics in Higher Education in India (LAHEI)	06/03/2019	Harvard Graduate School of Education
International	Prof. Prasenjit Deb, Dept. of Lifelong Learning and Extension	International Symposium on N.F.S. Grundtvig held in London, U.K.	04/08/2018	Samford University, USA and Copenhagen University, Denmark
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3.1.2 – Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
UGC-JRF/SRF	730	UGC, GoI
DST-JRF/SRF	730	DST, GoI
CSIR-JRF/SRF	730	CSIR, GoI
D S Kothari Post-Doctoral Fellowship	1095	UGC, GoI
CSIR-RA	1095	CSIR, GoI
Project Fellows	1095	NBHM, DAE WB-DSTBT DST, GoI
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3.2 – Resource Mobilization for Research

3.2.1 – 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	BRNS, CSIR-HRDG, DBT,	124535330	30239384

IUAC, WBDBT,
DSTBT-GoWB,
DST, DST-SERB,
WB-DST, DST-
WTI, WBBB, DST-
WOSB, ICMR,
ICSSR, NBHM-
DAE- Govt. of
India,
Department of E
nvironment-
GoWB, Higher
Education,
Science
Technology and
Biotechnology
(Sci. Tech.),
National Me

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3.3 – Innovation Ecosystem

3.3.1 – 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
Interaction with Industry Experts during Academic Festival	Computer Science and Engineering	07/02/2019
Two-Day National Conference on Issues in Economic Development	Economics	13/02/2019
One-Day Workshop on Human Development, Community Networking and Public Services Delivery	Economics	27/03/2019

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3.3.2 – 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
Siksha Ratna Award	Prof. Samares Pal, Dept. of Mathematics	Higher Education Department, Govt. of West Bengal.	05/09/2018	State-Level
Siksha Ratna Award	Prof. Jyotsna Kumar Mandal, Dept. of Computer Science Engineering	Higher Education Department, Govt. of West Bengal.	05/09/2019	State-Level
Bronze Medal of Chemical Research Society of India	Prof. Kumaresh Ghosh, Dept. of Chemistry	Chemical Research Society of India	05/09/2018	National-Level

Awarded World championship 2018 in Zoology (Therapeutic development).	Dr. Kakali Bhadra, Dept. of Zoology	International Agency for Standards Ratings (IASR).	05/09/2019	Zoology for outstanding scientific contributions
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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NA	NA	NA	Nil	Nil	Nil

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Bengali	12
Biochemistry Biophysics	10
Botany	9
Business Administration	2
Chemistry	7
Commerce	3
Computer Sc. Engineering	8
Ecological Studies	1
Economics	1
Education	18
Engineering Technological Studies	5
English	7
Environmental Science	7
Folklore	3
Geography	1
History	8
Library Inf. Science	5
Mathematics	18
Microbiology	5
Physical Education	15
Physics	9
Physiology	2
Political Science	4
Sociology	4
Zoology	8

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

Type	Department	Number of Publication	Average Impact Factor (if
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			any)
National	Commerce	2	1.33
National	Library and Information Science	5	0.51
National	Lifelong learning and Extension	3	2.9
International	Biochemistry and Biophysics	27	2.02
International	Chemistry	81	3
International	Mathematics	59	1.7
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3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	5
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3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
A NOVEL TECHNIQUE FOR FABRICATION OF SINGLE LAYER FREQUENCY SELECTIVE SURFACES USING PAPER BASED MATERIALS AND LASER CUTTING MACHINES DETS, KU	Published	306849	02/05/2019
Synthesis of surface-active gold nano layer fabricated iron oxide nano composite. A. Bandyopadhyay, S. Chatterjee, K. Sarkar, Dept. of Microbiology	Published	1180/Kol/2011	04/12/2018
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3.4.5 – 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
Synthesis, structure and properties	Haldar S., Dutta N., Vijaykumar G., Das	Polyhedron	2019	4	Department of Chemistry, University	4

of new heterometallic octanuclear $Li_2Na_2Cu_4$ and decanuclear Li_2Zn_8 complexes	A., Carrella L., Oliver A., Bera M.				of Kalyani
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3.4.6 – 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
Synthesis, structure and properties of new heterometallic octanuclear $Li_2Na_2Cu_4$ and decanuclear Li_2Zn_8 complexes	Haldar S., Dutta N., Vijaykumar G., Das A., Carrella L., Oliver A., Bera M.	Polyhedron	2019	26	4	Department of Chemistry, University of Kalyani

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	133	109	36	13
Presented papers	113	101	9	0
Resource persons	64	96	43	20

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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
NA	NA	NA	0

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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
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Lifelong Learning Extension	Solid Waste Management Scheme for Gram Panchayats	Institutional Strengthening of Gram Panchayats (ISGP) Programme, Panchayats Rural Development, Govt. of West Bengal	641820	239
Lifelong Learning Extension	Entrepreneurship and Marketing Chain Development through Market-led production and Post-harvest Management	Consortium For Training, Research and Development Livelihood Networking, Participatory Planning, study and Research (CTRD)	228269	214
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3.6 – Extension Activities

3.6.1 – 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
District Level Youth Parliament Celebration, University of Calcutta (09 August, 2018)	Collaborating Agency, NSS Cell, K.U	5	205
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3.6.2 – 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
Kalyani University Got the award of the Best University from the Govt. of West Bengal, Belur, Howrah (13 July, 2018)	Best University Award, NSS	Department of Higher Education, Govt. of West Bengal	80
Prof. Sukhen Biswas Awarded as a Best Programme Co-ordinator in West Bengal by the Government of West	Best Programme Coordinator Award, NSS	Department of Higher Education, Govt. of West Bengal	80

Bengal, Belur,
Howrah (13 July,
2018

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3.6.3 – 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 activities	Number of students participated in such activities
Red Ribbon Club	54 NSS units under University Cell	AIDS Awareness Programme	54	5400
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3.7 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	1	Fellowship	1095
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3.7.2 – 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
Project work	SemII course work	IISER, Kolkata, Calcutta University, IICB, Bose Institute, JNM Hospital, Kalyani	02/07/2018	28/06/2019	60
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3.7.3 – 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
Indian Institute of Petroleum, Dehradun	01/08/2018	Collaborative research, sharing of Instrumental facility, Joint PhD registration	1
Indian Institute Science Education	01/08/2018	Faculty exchange, Collaborative	5

and Research,
Kolkata

research, sharing
of Instrumental
facility,

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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
13.71	10.24

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Newly Added
Seminar Halls	Newly Added
Classrooms with LCD facilities	Existing
Classrooms with Wi-Fi OR LAN	Existing
Seminar halls with ICT facilities	Newly Added
View File	

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 partially)	Version	Year of automation
SOUL2.0	Partially	2	2005

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	153276	Nil	970	1762307	154246	1762307
Reference Books	7307	Nil	52	255158	7359	255158
View File						

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
NA	NA	NA	Nil

No file uploaded.

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	1052	24	912	1	1	312	35	100	0
Added	200	2	100	1	0	25	0	0	0
Total	1252	26	1012	2	1	337	35	100	0

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

2 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
NA	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 incurred on maintenance of physical facilities
27	22	13	11

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)

Laboratory: The Departments of Science Engineering faculties have two categories of laboratories: PG Practical lab for students Research Lab for teachers research scholars. All the laboratories are maintained by the department staff and financed by the finance department of the University. At the time of purchasing new equipments through central purchase committee by inviting tender (E-tender) as the case may be. Initially, a MoU is signed between the University and the company supplying the instrument for repairing purposes. Instruments procured from project funds are maintained repaired by the overhead funds. Laboratory instruments are used by the students and scholars of the department. The instruments in the research laboratories are utilized by the research students of the department and research students from other departments of the University by requisition. **Library:** The University owns a Central library as well as a reference library in the department. The collection in the central library comprises of books and journal for PG students, teachers and research scholars, e-journals, Monographs and Articles, Ph.D. theses and M.Phil. Dissertations. The financial assistance as granted by UGC and State Govt are utilized to purchase books and e-journals and other contingent materials. All the activities of the central library including lending and collecting of all the documents are discharged by the staff of the central library. **Computers:** Computers are maintained centrally by the Centre for Information Resource Management (CIRM) of the University. Technicians of the CIRM install repairs and maintain the LAN system of the University. Purchase of new computers is through central Purchase Committee. Development Officer of the University monitors all purchase of computers instruments. All stakeholder of the University utilize these computers for official, teaching research purpose. **Sports Complex:** University has a sports council with the

Hon'ble Vice Chancellor as President and Head of the Department of Physical Education as Secretary. Other members are from various departments of the University. Sports Council maintains the sports ground, gymnasium etc. Funds are provided through budget allocation of the University.

https://klyuniv.ac.in/wp-content/uploads/2022/iqac/Procedures_and_Policies_to_maintain_support_facilities.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	Merit cum means	240	667000
Financial Support from Other Sources			
a) National	National	2082	45974000
b) International	0	0	0
View File			

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 implementation	Number of students enrolled	Agencies involved
Green skill development program (GSDP) held in collaboration with ENVIS centre of KU	02/07/2018	25	MOEF CC DESKU ENVIS resource partner
View File			

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 passed in the comp. exam	Number of students placed
2018	Departmental level: Department of Zoology	12	12	12	4
View File					

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
9	6	1

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
ITC Infotech, Thirdeye, TCS, Kantar IMRB, Nielsen	112	53	14	95	40
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2018	338	Master of Science, Master of Arts, Master of Commerce, MCA, M Tech, MBA, Master of Library and Information Science, B.P .ED/M.P.ED, B..ED/M.ED, etc	All departments	Given as a separate row immediately after this row	338
View File					

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
NET	196
View File	

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

Activity	Level	Number of Participants
Cricket	East Zone	16
View File		

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/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	3rd	National	1	Nil	NA	NA

	place in Kho-Kho (East Zone)					
2018	Champion in Football (East Zone)	National	1	Nill	NA	NA
2019	Athletics, All India (6thn Place)	National	Nill	Nill	NA	Rakeya Khatun
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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)

Student representatives in the following committees : 1. Sports | Council 2. Library Committee 3. Student Welfare Committee 4. Hostel Admission Committee 5. Hostel Prefects, etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The University has no Central Alumni association, but, the departments like Physics, Chemistry, Zoology, Botany etc. have registered Alumni Associations. These Alumni Associations take active role in their departments during Reunion of present and past students, teachers and scholars. Members of the Association hold meeting, interact with the present students scholars, teachers and give valuable suggestions for upgradation of Academic Research activities. They participate in the Cultural programme of the departments. They also contribute financially to the events. In some departments, Prizes and Medals are awarded by the Alumni Association. The Alumni Associations also organise Seminars on various issues linked with the interests of the departments. They also guide scholars students for further academic and job-oriented progress. They also gift books to the departmental libraries.

5.4.2 – No. of registered Alumni:

1475

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

320000

5.4.4 – Meetings/activities organized by Alumni Association :

32

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)

1. Transparency in Research Publication and Evaluation To ensure transparency in research work, publication and thesis work, measuring steps have been

adopted following UGC guidelines. The Central Library has the facility to use TURN IT IN and Urkund software to assure that there will be no redundancy or unless required no similarity in the text that will appear in the publications. All the teachers, scholars students to every department can avail the facility of online checking of plagiarism of their paper from home. 2. UGC CARE Journal Recommendation Various departments of the University and the affiliated colleges apply for re commendation of certain journals for the enlistment in the UGC CARE list of journals. After verification of the authenticity and quality of the research publications in these journals, the Director IQAC recommends and sends the recommendations to the Nodal University of the Eastern Region. It is an important role in improving the quality research publications of India in the global competition

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

Partial

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	<p>CBCS syllabi have been introduced in both Under Graduate (UG) and Post Graduate (PG) Courses. The UG Syllabi have been developed by the respective Under Graduate Board of Studies (UGBOS) and approved by UG Faculty Council. Skill enhancement and Value-added courses are incorporated in all the subjects. Post graduate courses at the departments of the University are updated and revised by the Post Graduate Board of Studies of the departments and are approved in the Faculty Council meeting of the respective faculties after thorough discussion and deliberation. More interdisciplinary course contents have been incorporated.</p>
Teaching and Learning	<p>Syllabi of all departments are reviewed periodically accommodating new and updated course contents, practical. Black board teaching method are followed in almost all departments. In Science faculty, teachers use overhead projectors for better demonstration of examples given in the classes and students can easily understand the subject under discussion. Students also write project papers, complete assignments. Regular internal assessment examinations are held. In the Geography department, academic tours for practical purposes are done periodically. In the Physical education department, Yoga and Meditation are included in the course curriculum. Folklore department undertakes yearly</p>

Field Survey and Workshop on the Folk culture of different communities of India (especially Eastern India). Regular seminars are held in the departments for the students. Tutorial classes are held for weaker students as a means of doubt clearing. In visual Arts department, regular Art Exhibition, Art Camp are organized as a part of their academic performance.

Examination and Evaluation

PG Regulation of the University has the provision of at least one internal assessment examination one end semester examination during every semester. The students are also given assignments. The evaluation is based on written examination, internal assessment, project papers including viva-voce examination. CGPA system of grading is followed. In the practical examination, one external expert on the subject are appointed for better evaluation.

Research and Development

Following UGC Regulation, the University has prepared its Ph.D. Regulation in 2016. Most of the research students get either UGC/CSIR fellowship or from the University under University Research Scholar (URS) scheme. A section of the students works as project fellow under UGC/CSIR/DST major projects. Those who have qualified in the UGC NET/CSIR or SET (State) examination, can join the Ph.D. programme after selection through an interview. Others have to qualify in a selection test (KURET) and interview. All Ph.D. students have to qualify at the six-month duration Ph.D. course work. Research Methodology is compulsorily taught to all students of the department by the faculties of that department. Students are advised to publish research papers related to their Ph.D. work in peer reviewed journals as prescribed by UGC. They are also encouraged to participate in national/international conferences. Financial assistance is provided to attend seminar/conferences.

Library, ICT and Physical Infrastructure / Instrumentation

The University has the facility of a Central Library for all the stakeholders. The Central library is equipped with books and journals of all subjects. Presently, only e-journals are subscribed by the University. Central library has been providing remote access for several

database/research which are accessible to all faculty and students. In all the departments of the University, there exist small reference libraries for the students for reading and consultation purposes only. Research students are provided free computer access to various journals in the departments.

Human Resource Management

To get maximum work output, employees of the University are posted at various posts depending on their specialization, experience and functional requirements of the University.

Industry Interaction / Collaboration

The departments of Engineering and Technology, Business Administration and Management, and Computer Science and Engineering regularly interacts with industrial personnel. A lot of departments have several collaborative initiatives with various other Universities Institutions. Regular Industry visits, Guest Lectures are carried out.

Admission of Students

In the University, hybrid model of admission process is followed for Post Graduate (PG) admission to different subjects. Advertisement for admission to PG Courses are widely published in the University Website and National newspapers. Advertisement contains minimum qualification, fee's structure and the deadlines. Syllabi for different subjects is displayed in the University website. Application forms can be downloaded from the websites. This has reduced time consumption and manual workload. However, application forms are received and verified manually to prepare the merit list. 60 percent seats are reserved for the home university students and 40 percent seats are for the students of other Universities. An entrance examination (Multiple Choice type) is held for students of other Universities and a merit list is prepared based on entrance examination marks plus Under Graduate (UG) Honors marks. The whole process is transparent and status of all applicants are displayed on the University website. UG Admissions in different colleges affiliated to the University are completed by the respective colleges in a transparent manner. The reservation policy is followed strictly.

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

E-governance area	Details
<p>Planning and Development</p>	<ul style="list-style-type: none"> • All academic masters plans (both long-term and short-term) consistent with the Universitys mission and vision are carried out under the supervision of the IQAC. The academic departments and centers of the University are well connected to IQAC through a partial e-governance system. • All activities based on the curricula are governed according to the academic calendar under the supervision of the Faculty Council of the University through partial e-governance. • Full faculty information, funding information, faculty publications and other planning and development information is available on the Universitys website. The Website is continually updated to facilitate various planning and development information and ongoing activities. • The project proposals are submitted to funding agencies by online mode only. Receiving grants and maintaining funds are done electronically through PFMS and managed by Tally software.
<p>Administration</p>	<p>All the administrative sections runs under the supervision of the Registrar, University of Kalyani through a partial e-governance system. The establishment section of the University manages the recruitment of teaching/non-teaching staffs and maintains the service records of individual staffs such as seniority, retirement dates, leave statements and confidential reports through the system. Annual appraisals and DSIR certificate database are also maintained and updated regularly by the system. Promotion of teaching faculty through career advancement scheme (CAS) are managed and implemented through the system under the supervision of the IQAC. Promotion of University officers (CAS) and regular promotion of non-teaching staffs are managed and implemented through the system under the supervision of the Registrar. The system maintains a data base for university research fellows, project fellows and individual research fellows. Also the database for PG students, beneficiaries of different Govt. study grants, are maintained by the system.</p> <ul style="list-style-type: none"> • All the routine functions

of the library are automated by means of an integrated library software, SOUL, developed and distributed by UGC INFLIBNET.

Finance and Accounts

- Regular financial activities such as pay rolls, staff salaries, retirement benefits, pay slips etc. are managed through an well equipped online accounts management system.
- Salaries and all other remunerations of routine activities are made through online portals directly to the beneficiaries' account. The fellowship for research scholars are also made similarly.
- Management of the rresearch project grants and funds received from different funding agencies like SERB, UGC, CSIR, DST-FIST, DST PURSE, RUSA etc. are managed through PFMS and Tally software, which keeps the process updated and takes care of timely transactions of the relevant funds.
- Purchase of items are done through a transparent tendering process in the University website. The tendering process is administered online. Depending on the value of the items, e-tendering in the governments electronic tendering portal is administered.

Student Admission and Support

- Students' admission to PG and Ph.D. courses are processed centrally online from application to final admission. Usually, after advertising in newspapers and the website, students are required to create their own online registered profile on University admission portal. A comprehensive step-by-step guide for the whole process is available on the portal for student convenience. After online application the testimonials, category and other relevant information for individual students are verified by the individual departments. The admission has been made either through merit or through admission test/counselling as decided by the faculty council of the University for different courses.
- For Ph. D. admission, an online admission test has been conducted for non-NET/GATE applicants, which follows an interview before final selection.
- All the payment for the admission has been made through the online portal only.
- In all the admissions, existing reservation policy is strictly followed.

Examination	<ul style="list-style-type: none"> All the examinations (UG, PG, Entrance test) are administered under the Controller of the examination. It operates through a computerized data management system to manage the student life cycle, starting from registration to result publication.
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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
2018	Dr. Manoranjan Jana	Chemistry : Today Tomorrow	University of Kalyani	6700
2018	Dr. Manoranjan Jana	An interdisciplinary approach in Characterization and applications of Nanostructure materials	University of Kalyani	6700
2019	Dr. Manoranjan Jana	National Seminar on waste management	University of Kalyani	6700
2018	Dr. Avijit Sarkar	National Conference on differential geometry and applications 2018	Dept. of Mathematics, Nehru Gram Bharati, Allahabad	870
2018	Dr. Tarun Kumar Mondal	13th DGSI Geography International conference on Sustainable Rural Development - Geospatial Solutions	Dept. of Geography Geoinformatics, Bangalore University	10000
2018	NA	NA	Association of Indian Universities	49000
2018	NA	NA	Student Health Home	30980
2018	NA	NA	British Council Division	3500

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6.3.2 – Number of professional development / administrative training programmes organized by the University 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)
2018	Two Week Workshop on use of ICT in Teaching Learning Process	NA	27/08/2018	10/09/2018	39	0
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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 professional development programme	Number of teachers who attended	From Date	To date	Duration
Refresher Course	1	12/11/2018	04/12/2018	23
Orientation Programme	1	06/02/2019	06/03/2019	31
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
20	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>Within the campus, medical facilities are available in the University Health Centre equipped with one full time Doctor, two Pharmacists and two female nurses on contractual basis. Banking facility, FDP, Festival Advance, PF Loan, Loan from Employees cooperative are available to the teachers. Travel Grants for academic purpose, daily bus services. Internet and Wi-</p>	<p>Non-teaching employees are provided similar welfare schemes like teaching staff. Loan from Employees cooperative, Festival advance, PF Loan, Medical facility in the campus (Health centre with one Doctor, two Pharmacists and two female nurses on contractual basis), daily bus services. Bank and post office facilities within the Administrative Building. Free internet and Wi-Fi connectivity.</p>	<p>Medical facility in the campus Health centre, daily to-and-fro bus services from station to University, Student Medical aid Fund, Concession on Fees, Girls Boys Hostels, Internet access free of cost, endowments from stakeholders, Students aid fund. Scholarships on the basis of merit, and merit-cum-means. Railway travel concessions are provided with the aid of Indian Railways.</p>

<p>Fi facilities in all the departments and centres. Within the Administrative Building premises, Bank and post office facilities are available to all stakeholders and local people. University has its own ambulance service.</p>	<p>University has its own ambulance service.</p>	<p>University has its own ambulance service.</p>
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6.4 – Financial Management and Resource Mobilization

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

Institution conducts internal and external financial audits regularly. In the University, annual budget is prepared by the finance department keeping in mind the requirements of the departments and centers, development proposals, contingencies required etc. Subsequently, the budget is approved by the Executive Council of the University. There is a system of pre-audit of the bills and vouchers before release of the pay order. So far as internal audit and internal control are concerned, the University follows that after taking kind approval from the Vice Chancellor, money sanction (M.S.) order is issued by the Finance Department mentioning the head of expenditure, purpose of the expenditure amount keeping in view the budgetary head and provision. Bill (audit) section of the Finance Dept. checks all types of expenditure bills and vouchers with purchase order and other supporting documents and forward it to the Audit Accounts officer for his verification and issue pay order after thorough checking. Each entry in the cash book is verified by the Finance Officer at the time of signing the cheques. Moreover, Annual Accounts of the University is audited by the Office of the Principal Accountant General (General Social Sector Audit), Indian Audit Accounts Department, West Bengal Circle as statutory auditor.

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
<p>1. Late Anath Nath Dutta and Late Shefali Dutta Award. 2. Late Nirad Krishna Biswas Award. 3. Late Suniti Prava Das Award. 4. Smt. Kalyani Dhar Memorial Award.</p>	<p>600000</p>	<p>1. Awarding medal to the topper in Bio-Chemistry and Bio-Physics. 2. Awarding silver medal to a girl student securing highest marks in B. P. Ed. 3. Awarding silver medal to the topper in Master of Fine Arts (MFA). 4. Awarding gold medal to the student securing highest marks in M. A. (Economics)</p>
<p>No file uploaded.</p>		

6.4.3 – Total corpus fund generated

54182354

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	NA	Yes	Faculty Council
Administrative	No	NA	Yes	Executive Council

6.5.2 – What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

NA

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

1. During counselling and admission, parents and guardians visit the respective departments and meet with the teachers, staff and students to get information about the infrastructural facilities, teaching-learning evaluation process, hostel facilities etc. 2. Head of the department provide regular feedback to the parents about the student's progress, learning abilities, physical mental health. On the other hand, suggestions of the parents are considered with utmost importance. 3. Periodical parent-teacher meetings are held in all the departments to get feedback regarding performances of the students and the academic atmosphere of the department. Feedbacks are analysed in the departmental committee (DC) meeting and actions are taken to improve teaching-learning and evaluation system, infrastructural facilities.

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

1. A section of the support staff from departments and centers are trained in the Centre for Information Resource Management (CIRM) for capability enhancement in the use of computer for office work and preservation of documents. 2. Periodical training facility to the technical staff on the use of sophisticated instruments and its maintenance are provided. 3. Green skill development programme for support staff of ENVIS and Biotechnology department.

6.5.5 – Post Accreditation initiative(s) (mention at least three)

(i) Recruitment to the vacant teaching posts has been initiated 20 teachers joined in different departments. (ii) Campus wide Wi-Fi connection project extended. (iii) Initiatives taken for implementation of complete e-governance in all sectors of Academic, Administrative, Finance, Admission and Migration

6.5.6 – Internal Quality Assurance System Details

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

6.5.7 – 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
2018	During this period, Application verification	02/07/2018	02/07/2018	28/06/2019	30

	subcommittee under the purview of IQAC has screened applications for promotion under CAS.				
2018	Responded to 75 RTIs and other queries for promotion /recruitment raised by applicants for CAS or direct recruitments.	02/07/2018	02/07/2018	28/06/2019	75
2019	Collected feedback data from students, Parents, and Alumni for the preparation of Annual report and to promote quality enhancement for teaching-learning evaluation, infrastructure.	02/05/2019	02/05/2019	31/05/2019	1700
2018	3 Workshops have been organized to make the Heads of Academic departments Centers aware regarding quality enhancement as prescribed by NAAC.	06/07/2018	06/07/2018	28/06/2019	45
2019	Academic Administrative	04/03/2019	04/03/2019	29/03/2019	232

e Audit
(AAA)
conducted by
the internal
AAA
Committee.

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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
Solid Waste Management Scheme of Project Gram Panchayat with the vision to induct rural population with an emphasis on rural women into waste management schemes.	30/08/2018	13/12/2018	16	223
Entrepreneurship and Marketing chain Development through Market-led production and Post-harvest Management with an aim to involve rural population with an emphasis on rural women into entrepreneurship programs.	12/07/2018	16/02/2019	40	174

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

Regular Seminars/Workshops on environmental consciousness and sustainability are organised centrally as well as department wise (Environmental Sc., Ecological Studies, Zoology, Botany etc.). Every year, World Environment Day is celebrated in the University undertaking tree plantation programmes. NSS celebrated World Ozone Day in collaboration with ENVIS, University of Kalyani organising workshop during 20-25 September, 2018 with 3 coordinators and 73 participants. Initiatives taken by the institution to make the campus eco-

friendly: Energy conservation: The University is making conscious effort for energy conservation. All the stake holders are being educated to switch off electric points whenever the utility of the point is not absolutely necessary. Everyone is advised to switch off the computer when not in use. The university is switching over to low power consuming lamps like CFL lamps and LED lamps as far as practicable. The University has also planned to use renewable source of energy especially solar energy for some of its lighting and heating requirements and plans to switch to solar energy sources in a big way in near future. The Eco Park is already lighted with solar energy. Water harvesting: The University also has making conscious effort for water conservation. There are some rainwaters harvesting and natural recharges of groundwater ponds established in the university campus. Hazardous Waste management: For hazardous waste management the University has taken the following steps A 20 ft deep well (soak pit) is being dug to dump all hazardous waste material in it with standard specification. The outlet of the basins and waste pipes of the laboratories which use radioactive materials is directly connected to the well e- Waste management: The e-waste is minimized through (i) The policy of buy-back system the University is following with the suppliers. (ii) If possible, upgrading the system before opting for replacement or dumping for the buyback system

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	Yes	0
Ramp/Rails	Yes	4
Rest Rooms	Yes	30
Scribes for examination	Yes	1
Braille Software/facilities	No	0
Special skill development for differently abled students	No	0
Any other similar facility	No	0

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
2018	1	4	Nil	Nil	Nil	Nil	Nil
View File							

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

Title	Date of publication	Follow up(max 100 words)
Rules of Discipline and Proper Conduct for	30/05/2014	To maintain communal harmony, to safeguard the

Students of Kalyani University

interests of all sections of the University community, to keep the Campus life peaceful, eco-friendly and to improve the teaching-learning and research, the Code of Conduct for Students has been formulated and accepted in the Executive Council Meeting. Any competent authority as the case may be, for good and sufficient reasons impose any or more of the punishments following the Code of Conduct and after giving sufficient opportunity of hearing before a duly formed enquiry committee, may charge the student for the appropriate punishment if there are sufficient reasons for it.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Ph.D./M.Phil. Coursework 2018-2019 (A course on research ethics was taught to the Ph.D./M.Phil. scholars as a part of coursework as per UGC guideline)	01/06/2018	31/10/2018	200
18th Annual Conference of Indian Society for Buddhist Studies	28/09/2018	30/09/2018	50
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Solid Waste management system introduced. 2. Use of Plastic materials are prohibited in the campus. 3. Plantation of trees at vacant spaces of the campus in a planned way. 4. One garden of medicinal plants has been established. 5. Hostel students are encouraged to prepare flower gardens in the Hostel premises. 6. Ponds and waterbodies are cleaned preserved.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice Number I: Opening of S.N. Bose (Satyendra Nath Bose) Innovation Centre in the University of Kalyani as an Independent Unit for the

Promotion of Science, Education, Research and Innovation 2. Objective of the Practice i. To generate widespread interest amongst the students, teachers, researchers of the Science Faculty of the University of Kalyani to devote themselves to scientific research using state-of-art facilities. ii. To have an independent Infrastructural/ Instrument Facility catering to all the different Science departments of the University. iii. To encourage independent scientists having fellowships like Ramanujan, Ramalingaswamy, DST INSPIRE Faculty to join the University and have their independent laboratories in the Innovation Centre of the University so that they can enrich the University with their research, Innovation and open up avenues of the post-graduate students to initiate research works with them. iv. To keep all the expensive, state of art instruments under one roof for the proper up keeping of the same and generate revenue from those from the end users. 3. The Context: The idea behind having an Innovation Centre in the University was to promote cutting edge research and innovation in the University where funding is limited and all the individual science department fail to have all the state of art facilities under one roof. Amongst the State aided autonomous University, this Innovation Centre of the University of Kalyani was built with the motto to promote Science, Education and Research of a higher level and is one of its kind in West Bengal. 4. The Practice: The S.N. Bose Innovation Centre of the University of Kalyani presently houses the majority of the state-of-art instruments of the University of Kalyani. Instruments like Confocal Microscope, Next-Generation Sequencer, Sanger Sequencer, Scanning Electron Microscope (SEM), Swinging bucket rotor high speed cold centrifuge, Table top high speed cold centrifuge, UV-VIS Spectrophotometer, Fluorescence Microscope, Cell Culture Facility with BSL-2 Laminar Hood, CO2 incubator, -80 degree Celsius Deep Freezer, liquid nitrogen cryocans, ELISA plate reader with 5 filters and small equipment like fine balance, vortex, magnetic stirrer are all housed in the S. N. Bose Innovation Centre. All these instruments can be used by the Science Faculties, research scholars and PG students of the University and by the researchers and faculties of other Universities (Fig. 1A and Fig1B). Innovation Centre has also endorsed several young faculties having National Scholarships. Presently, one investigator with Ramalingaswami Re-entry Fellowship - DBT, Govt. of India is the in-charge of the innovation Centre and working as an independent investigator with his team of researchers in the Innovation Centre (Fig. 2) Two DST-PURSE scientists have also been appointed in the Innovation Centre for providing the instrumentation facilities to the stakeholders. Apart from that two PG Courses that are run in the innovation using their state of art facilities under the School of Interdisciplinary Science are the Genome Science course, Data Science Course and Nanoscience and Nano Technology course. The Data Science Course gained immense popularity as it was one of its kind in the state of West Bengal. The Innovation Centre has several smart class rooms with all the modern ICT facilities. As far as promotion of the Science Education is concerned, the Innovation Centre conducts Open House in the University where school children from the district of Nadia visit the University and the Innovation Centre to have a glimpse of the research facilities available here. Moreover, the Innovation Centre also conducts several Certificate Courses on Confocal Microscopy, Scanning Electron Microscopy and DNA Barcoding have been completed by the Innovation Centre under the able leadership of the DST-PURSE scientists and the Dean of Science, in-charge DST-PURSE, University of Kalyani (Fig. 3). 5. Evidence of Success: The successful running of the courses at PG level and the certificate courses as depicted in the figures attached, provide evidence of success of the Innovation Centre of the University. 6. Problems Encountered: The main problem faced by the University of Kalyani is the funding for the maintenance of the Innovation Centre and running all the courses of School of Interdisciplinary Science in the Innovation. Being a state-aided University, funding is scarce and maintaining all the state of art instruments require a huge maintenance charge as far as their Annual Maintenance Contracts

(AMC) are concerned. The central funds of the University are not sufficient to take care of the maintenance. The University is also trying to generate revenues from the end users, but since the University is a non-profit organization and as all our end users belong to the academic fraternity, University compassionately has a minimum charge for those facilities. Moreover, Kalyani being 60 Km away from Kolkata, logistics was a problem faced in transportation of the large instruments from the airport.

1. Title of the Practice 2: Participation in the International Kolkata Book Fair by having a Book Stall to Sell all the Publications of the University and its Faculties 2. Objectives: i. To increase the visibility of the University of Kalyani to the World as Kolkata International Book Fair has participations from all over the world to promote exchange of culture and literature. ii. To encourage the faculties of the University to publish books which can be promoted in the University Book Fair Stall. 3. The Context: University of Kalyani houses talented faculties who promote literature, art, culture, history, sociology and science by publishing books of international repute with publishers all over the world. They also contribute to the newsletters of the University, reports of University in various form. The participation in the Kolkata Book Fair was a well thought move to promote all the publications in the form of books by the faculties as well as distribute University Newsletters to the general public to increase the visibility of the University. 4. The Practice: The Department of Bengali takes the initiative of the International Book Fair Participation. A stall of University of Kalyani is inaugurated by the Honourable Vice Chancellor on the University of Kalyani. The University Stall arranges for several Literary Meet, Discussion Sessions for 2 weeks during the Kolkata Book Fair (Fig. 4). 5. Evidence of Success: A huge participation from the University academic fraternity is observed in the Kolkata Book Stall of the University of Kalyani. Several books of the faculties get promoted, students and the faculties actually got benefitted from the discussions arranged by the University of Kalyani. Kalyani being a sub-urban township lacks the visibility as experienced by other Kolkata based Universities, this book fair stall of the University makes the general public aware of our presence, what we do and how we are promoting art, culture and literature (Fig. 5, Fig. 6). 6. Problems Encountered: This practice is yet to face much problems. In future, the University plans for the extension of the stall area and have several brainstorming sessions of discussions involving both the students and the teachers of the University as well as the general public visiting the book fair.

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

<https://klyuniv.ac.in/wp-content/uploads/2022/igac/InstitutionalBestPractices/ibp2018-19.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 uniqueness of the University of Kalyani is evident from its location, policies and programmes undertaken throughout the year. Based on this uniqueness, the University undertakes such measures quality enhancement programmes of study as would be a qualitative and distinct addition to higher education instead of quantitative enhancement and expansions of the existing facilities. To maintain national integrity and progress, the University has been concentrating on such initiatives which are very much relevant to the development and progression of the nations. Considering these aspects, the University has taken the following initiatives: (i) The ideas of secularism, national integration and scientific outlook have been promoted with care. (ii) Considering the location of the University, students of all religions are

admitted here, and they promote maintain a sense of communal harmony. (iii) Interdisciplinary subjects are introduced for teaching and research to ensure completeness of knowledge. (iv) The decisions regarding Syllabus review upgradation, method of evaluation, compulsory coursework for Ph.D. students, are taken by the teachers themselves. (v) Admission to Ph.D. course is made through an entrance examination viva voce of the qualified students. (vi) There are provisions for different scholarships for students. Students, as well as faculty members get financial support for field work in some subjects. (vii) The University has signed Memoranda of Understanding (MoU) with many National/International Institutions. (viii) The University has been organising Entrance Examinations for Microbiology, Molecular Biology Biotechnology subjects.

Provide the weblink of the institution

<https://klyuniv.ac.in/wp-content/uploads/2022/igac/InstitutionalDistinctiveness/id2016-17.pdf>

8.Future Plans of Actions for Next Academic Year

1. To extended the facilities of ICT for effective teaching and learning, preparation of e-learning resources for the departments of the University. 2. In all faculties, more attention will be paid for collaborative interdisciplinary research to establish a link between the University and other reputed research institutes. 3. Conducting workshops/seminars regarding awareness of NAAC accreditation, Biodiversity, Yoga etc. for faculty members of the University, NAAC coordinators of the affiliated colleges and other participants from outside. 4. To strengthen the extension activities of NSS and department of Lifelong Learning with Government Organizations, Non-Govt. Organizations and programmes such as Swachh Bharat, AIDs awareness, Gender issue etc. 5. Complete e-governance will be implemented in all sectors of Academic, Administrative, Finance, Admission and Migration.