Yearly Status Report - 2016-2017

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/2022/04/aqar201516.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://klyuniv.ac.in/wp-content/uploads/2022/05/Academic-Calendar_2015-17-and-2016-2018.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**Three Star**	**70**	**2001**	**21-May-2001**	**20-May-2006**
2	**B**	**2.67**	**2008**	**16-Sep-2008**	**15-Sep-2013**
3	**A**	**3.12**	**2016**	**16-Dec-2016**	**15-Dec-2021**

6. Date of Establishment of IQAC

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
IQAC has screened eighteen applications for promotion under CAS	01-Jul-2016 4	18
Responded to a large number of queries / RTI queries pertinent to quality and / or recruitment / promotion raised by applicants of direct recruitment or promotion under CAS were addressed	01-Jul-2016 52	47
NAAC peer team visited the University for 3rd Cycle Accreditation	04-Dec-2016 4	3000
One Day Sensitization Programme on	17-Aug-2016 1	75
View File		

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
Chemistry	Special Assistance Programme (SAP), Phase II	UGC	2013 1825	7000000
Zoology	Special Assistance Programme (SAP), Phase I	UGC	2012 1825	6000000
Zoology	FIST	DST	2011 1825	5800000
View File				

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 :	**4**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional	**Yes**

website	
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)

The API verification sub-committee under the purview of IQAC has scrutinized applications to process the applications for CAS of the faculty members.

S N Bose Innovation Centre equipped with state of the art instruments for research facilities has been constructed.

CBCS Syllabus of different subjects have been approved in the PG Board of Studies for introduced w.e.f. academic session 20172018.

A garden of medicinal plants has been prepared with the financial support of Ministry of Ayush, Govt. of India.

Feedback responses from students, parents have been collected and analyzed for quality improvement of teaching-learning and infrastructure.

No Files Uploaded !!!

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
• As suggested by the NAAC Peer team, the placement cell will be made more active to resolve the placement related issues and to attract more industry recruitment bodies to the campus for interaction and recruitment.• As suggested by the NAAC Peer team, egovernance system to all sections of the administrative work is to be implemented. • The coaching for pursuing to qualify NET/SET examinations will be intensified. • As per observation of the NAAC Peer team, the solar energy consumption in the campus will be increased. • Focus on Alumni association is very weak, a Central Alumni Association is to be formed associating the faculty members who are alumni of the University and are constant touch with other alumnus	• An API verification Subcommittee under the purview of IQAC has been constituted by the IQAC to process the applications for the CAS of the faculty members of the University.

of the University residing in India and abroad. • An effort to establish a language laboratory is to undertaken. • Conducting workshop for the Heads of various departments and Centres of the University of Kalyani regarding awareness of IQAC. • Management of ewaste • Installation of wending machine into the ladies Hostel and Campus. • Installation of information kiosk at the main gate of the campus.	
• Implementation of the CBCS Syllabus in undergraduate and post graduate courses with horizontal movement.	• Departments have finalized and approved CBCS Syllabi in the PG Board of Studies meetings. The Syllabi have been approved in the Faculty Council (PG) meeting for introduction w.e.f. from the academic session 201718.
• Regular collection of feedbacks from stakeholders like alumni, parents, employees. IQAC will prepare a form for taking feedbacks from above mentioned stakeholders.	• Construction of an Auditorium named APJ Abdul Kalam has been completed (1000 seated) for the purpose of Convocation, Seminar/Workshops, Conferences, and Cultural Programmes of the University.
• To adopt e-learning in more comprehensively, CIRM is advised to visit departments for necessary assistance.	• One state of the art laboratory named S. N. Bose Innovation Centre has been constructed for high quality research facilities.
• Regarding collection of data against requirements of various agencies from time to time, a centralized Data Management System may be adopted with the System-in-Charge of CIRM as the Nodal Officer.	• One garden of Medicinal plants has been prepared funded by Ministry of Ayush, Government of India in the front of the Botany department.
• As suggested by the NAAC Peer team, Intellectual Property Rights (IPR) Cell is to be made. The faculty members will also be encouraged to acquire patents of their research.	• The IQAC conducted four meetings to chalk out plans to implement NAAC Peer Team recommendations.
• For extension activities and outreach programmes, more villages within the jurisdiction of the University are to be adopted.	• Feedback responses from students, parents have been collected and analyzed for quality improvement of teaching-learning and infrastructure.
No Files Uploaded !!!	

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	No

assess the functioning ?	
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2017**
Date of Submission	**22-Mar-2017**
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 institution has the following management information systems: • Any notice or order is issued through online mode only. • Meeting notifications are shown in the University Website. • Salary Bill is prepared through software package. • Admission of students to Undergraduate Postgraduate courses are done through online counselling. • Postgraduate and Undergraduate Results are prepared and published through Computerised systems. • Feedback of students and parents the departments are collected through online Portal. Further, the following measures are taken through Management of Information System. A. Administrative Procedure • Meetings of the Court, the Executive Council, Faculty Councils and Central Admission Committee are conducted regularly. • Finance Committee, IQAC are conducted regularly. • Periodic Meetings of various statutory and nor statutory committees and done. • Meetings of DC, BOS, BRS are done on regular basis. • Invitation for Tenders for purchase of equipment and regular works of accounts section is performed online. B. Student Admission • All procedures regarding Admission, beginning from notification to fee submission are performed through admission portal in the University Website. Verification and final admission are done offline. • Publication of Merit list, list of eligible candidates, selected candidates are given in the University Website. C. Student Records • Digital procedure is followed to maintain student records. • Students' attendance record. • Record of fees collection. D. Evaluation and Examination procedure. • Existence and maintenance of all**

relevant updated records. • Regular meetings of UG Board of Studies and PG Board of Studies are arranged. • In house spot evaluation for quick publication of results. E. Research Administration • All Research programmes are carried out in accordance with the latest UGC Regulation guidelines. • Higher Degree Committees actively and critically consider the research proposal for decision making.

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	Eng.	Available	03/04/2017
MSc	BC-BP, Bot, Eco Studies, Micro Bio, Phy, Zoo	Available	03/04/2017
MCom	Comm, Eco.	Available	03/04/2017
MEd	MEd	Available	01/02/2017
MBA	MBA	Available	01/02/2017
MA	Geo.	Available	01/11/2016
MA	Hist, Hindi, Pol. Sc., Vis. Arts., Sans.	Available	02/05/2017
MSc	Chem, Env. Sc., Math, Stat, Lib. Inf. Sc.	Available	02/05/2017
View File			

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
Nill	NA	Nill	NA	Nill
No file uploaded.				

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	Nill
No file uploaded.		

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
Nill	NA	Nill

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	Nill	0

No file uploaded.

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	Rural Studies	25

No file uploaded.

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Nill
Employers	Nill
Alumni	Yes
Parents	Nill

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

Feedback Obtained

The feedback from students in each semester have been collected through applying questionnaire form. The responses have been analysed department wise. Then it have been discussed in departmental meeting in front of all faculty members and accordingly departments rectified or modified their curriculum transaction methodology. Some departments have collected feedback through an online portal. The percentage scores under different categories are computed automatically. The computed scores have been shared among the faculty members for taking necessary (if any) corrective measures. A meeting is generally arranged every year with the students to listen to their problems and suggestions. Accordingly Department takes necessary measure the address them with the help of the authority.

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
BEd	Training	50	52	50
BPEd	Training	50	222	50
BTech	UG	62	44	44
MA	PG	986	2688	721

MBA	PG	40	60	33
MCA	PG	30	25	25
MCom	PG	115	84	64
MEd	Training	50	147	50
MSc	PG	602	6354	514
Mtech	PG	28	102	21

View File

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
2016	44	1570	7	178	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	Numberof smart classrooms	E-resources and techniques used
178	103	12	25	20	4

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 in the University take recourse to different mentoring methods for their students which commonly include the emphasis on enhancement of the institutional ambience while creating homely atmosphere as the students learn their concerned subjects. Some Departments undertake guided research projects in the final semester of the PG Course – notable among them is the Botany Department. Also, students are encouraged to give seminars as part of internal assessment. Also, in some Departments students are grouped under the mentorship of the individual faculty. A Students' Mentoring Shell (SMS) consisting of all the faculty members of the Department of Molecular Biology and Bio-technology has been created. Each faculty is the guardian or mentor of 5-6 students and he or she usually interacts frequently with the student as they accustomed to a new environment and academic schedule of the post graduation course. The SMS perform the following activities throughout the year: The other mentoring activities include encouragement to students in participation of workshops, seminars and like. The students are continuously motivated as they can go to the higher studies after cracking all India Research entrance test like GATE, NET, SET etc. The courses offered by the Departments would help the aspirant graduates in getting a broad based knowledge about theoretical and applied aspects of different disciplines of their subjects in general and its frontier areas in particular. It is aimed at offering high quality training and generating expertise in the frontier areas of the subjects, and to provide appreciative atmosphere to the bright young talents. The courses in some Science Departments include inter-alia, collaborative efforts with different institutes, industries, clinical laboratories and other agencies. The Department of Microbiology has already developed its infrastructure with some sophisticated equipment like, fermentor, UV- vis spectrophotometer, PCR/RT PCR thermocycler, ELISA Reader, BOD chamber, cold centrifuge, Gel-documentation, Phase contrast microscope, Fluorescence microscope, Atomic Absorption Spectrometer, Low-volume spectrophotometer, Ion-chromatography, Anaerobic-microbial culture chamber etc. The interdisciplinary nature of our research is reflected in our 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, Bidhan Chandra Krishi Viswavidyalaya, Central Inland Fishery Research Institute, Tripura University, WB State University, Nagoya University, Chittaranjan National Cancer Institute). Physical education is a teacher's training course which requires continuous monitoring of the students activity both in the classrooms as well as in the ground also. Students are continuously monitored in two times at the ground and lab practical classes. Besides those students who are participating in all India intervarsity tournaments there are separate coaches and instructors for catering there sports skills and monitoring of sports performances.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1614	178	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
305	178	127	0	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 receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nill	NA	Nill	NA
No file uploaded.			

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	1st and 3rd	27/01/2017	06/03/2017
MA	PG	2nd and 4th	14/06/2017	18/08/2017
MSc	PG	1st and 3rd	27/01/2017	06/03/2017
MSc	PG	2nd and 4th	14/06/2017	18/08/2017
MCom	PG	1st and 3rd	27/01/2017	06/03/2017
MCom	PG	2nd and 4th	14/06/2017	18/08/2017
No file uploaded.				

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
12	28512	0.042

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)

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	BA	All	27016	21617	80
UG	BSc	All	5082	4371	86
UG	BCom	Commerce	912	759	83.24
PG	MA	All	1007	982	97.5
PG	MSc	All	721	714	99
PG	MCom	Commerce	64	60	94

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)

https://klyuniv.ac.in/wp-content/uploads/2022/iqac/sssreport/SSS2016-17.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. Angshuman Bagchi	International Bio-Asia 2016 Project	15/08/2016	International Bio-Asia

No file uploaded.

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	730	University Grants Commission
SRF	1095	University Grants Commission
Research Associate	365	DBT, CSIR, UGC
Project Fellow	365	DBT, CSIR, UGC
University Research Scholar (URS)	365	University of Kalyani
Post Doctoral Fellow	365	DBT, CSIR, UGC

No file uploaded.

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	1460	DST, GoI DBT, GoI DAE, GoI DST-SERB, GoI UGC CSIR UGC-British Council Nano Mission UGC-DAE-CSR, Indore, School of Tropical Med. KIIT Unilever (UK) International Bio-Asia 2016 IUAC-New Delhi Project Fondation Arc-France Dept. of Env., Go	904	97
Minor Projects	1095	UGC-DAE, CSIR, UGC	7	4
Interdisciplinary Projects	1095	DST-GoI Indo-Russia	58	19
Projects sponsored by the University	1825	URS	75	75
Students Research Projects (Other than compulsory by the University)	1825	CSIR-JRF/SRF, UGC-NET-JRF/SRF, DST INSPIRE, DBT-JRF/SRF, ICMR-JRF/SRF, RGNF, MANF	1355	339
Any Other (Specify)	1095	NPDF, DBT-RA, WoS-A B	200	50
No file uploaded.				

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
NA	NA	Nill
No file uploaded.		

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
NA	NA	NA	Nill	NA
No file uploaded.				

3.3.3 – 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
NA	**NA**	**NA**	**NA**	**NA**	**Nill**

No file uploaded.

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, Bio-Chemistry Bio-Physics, Botany, Business Administration, Chemistry, Computer Science, Commerce, DETS, Economics, Education, English, Folklore, Geography, History, Hindi, Lifelong Learning Education, Mathematics, Physics, Pol. Sc.	**100**
Physiology, Philosophy, Physical Education, Rural Development, Statistics, Sociology, Sanskrit, Visual Arts, Zoology, Library Information Science, Modern Language, Ecological Studies, Micro-Biology, Molecular Biology and Biotechnology, EVS	**73**

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	**Botany, Zoology, Physics, Chemistry, Bio-Chem Bio-Physics, Micro Biology, Molecular Biology Biotechnology**	**20**	**2.3**
International	**Botany, Zoology, Physics, Chemistry, Bio-Chem Bio-Physics, Micro Biology, Molecular Biology Biotechnology**	**363**	**2.71**
	[View File](#)		

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
Biochemistry Biophysics Botany Chemistry English Ecological Studies Environmental Science Geography MBBT Microbiology Zoology Business Administration Computer Science Engineering DETS Commerce Economics Hindi History Library Information Science	**248**

Political Sciene Education Folklore LLL E Physical Education Physics Physiology Sanskrit	98

<div align="center">

View File

</div>

3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Dept. of Computer Science and Engineering, KU	Filed	0	Nill
Dept. of Molecular Biology and Biotechnology, KU	Filed	0	Nill
Dept. of Microbiology, KU	Filed	0	Nill

<div align="center">

View File

</div>

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
Protective role of epigallocatechin-3-gallate in health and disease: A perspective	Chowdhury A., Sarkar J., Chakraborti T., Pramanik P.K., Chakraborti S.	Biomedicine and Pharmacotherapy	2016	108	Department of Biochemistry and Biophysics, University of Kalyani	108
Three-echelon supply chain coordination considering duopolistic retailers with perfect quality products	Modak N.M., Panda S., Sana S.S.	International Journal of Production Economics	2016	95	Department of Mathematics, University of Kalyani	95
An integrated interactive technique for image segmentati	Hore S., Chakraborty S., Chatterjee S., Dey N., Ashour A.S., Van	International Journal of Electrical and Computer Engineering	2016	76	Department of CSE, University of Kalyani	76

on using stack based seeded region growing and thresh olding	Chung L., Le D.-N.						
Arsenic, chromium, molybdenum , and selenium: Geochemica l fractions and potential mobilizati on in riverine soil profiles o riginating from Germany and Egypt	Shaheen S.M., Kwon E.E., Biswas J.K., Tack F.M.G., Ok Y.S., Rinklebe J.	Chemosph ere	2017	69		Department of Ecological Studies and ICEE, University of Kalyani	69
Exploring the effects of social res ponsibilit y on coord ination and profit division in a supply chain	Panda S., Modak N.M.	Journal of Cleaner Production	2016	66		Department of Mathema tics, University of Kalyani	66
Insights into the proteomic response of soybean towards Al2O3, ZnO, and Ag nanopar ticles stress	Hossain Z., Mustafa G., Sakata K., Komatsu S.	Journal of Hazardous Materials	2016	67		Department of Botany, University of Kalyani	67
Pilot study on arsenic removal from groun	Schmidt S.-A., Guk elberger E., Hermann	Journal of Hazardous Materials	2016	57		Department of Chemistry, University	57

dwater using a small-scale reverse osmosis system—Towards sustainable drinking water production	M., Fiedler F., Grossmann B., Hoinkis J., Ghosh A., Chatterjee D., Bundschuh J.					of Kalyani	
Pricing policy and coordination for a two-layer supply chain of duopolistic retailers and socially responsible manufacturer	Modak N.M., Panda S., Sana S.S.	International Journal of Logistics Research and Applications	2016	61		Department of Mathematics, University of Kalyani	61
Cytotoxicity and cell cycle arrest induced by andrographolide lead to programmed cell death of MDA-MB-231 breast cancer cell line	Banerjee M., Chattopadhyay S., Choudhuri T., Bera R., Kumar S., Chakraborty B., Mukherjee S.K.	Journal of Biomedical Science	2016	58		Department of Microbiology, University of Kalyani	58
Corporate social responsibility, channel coordination and profit division in a two-echelon supply chain	Panda S., Modak N.M., Pradhan D.	International Journal of Management Science and Engineering Management	2016	54		Department of Mathematics, University of Kalyani	54
[View File](#)							

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
A new species of porcini mushroom from India with morphology and phylogeny	Chakraborty D., Das K., Baghela A., Adhikari S., Halling R.E.	Nova Hedwigia	2017	28	3	Department of Botany, University of Kalyani

View File

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	289	432	168	3

View File

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Environmental Science	Bioaccumulation of fluride arsenic in Food Chain	Environmental Deptt. Govt. of West Bengal	34200

No file uploaded.

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Library Science Department	7th Capacity Building programme for public library personnel	INFLIBNET, UGC	414329	45

No file uploaded.

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
Digital India Workshop	NSS, University of Kalyani	6	300

No file uploaded.

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
West Bengal State National Service Scheme Awards	Kalyani University got the first award	Govt. of West Bengal	5000

<center>No file uploaded.</center>

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 activites	Number of students participated in such activites
Vermicompost Preparation Process	Institution strengthening of Gram Panchayuats (ISGP) Project Panchayats Rural Development Deptt. Govt. of West Bengal	Vermicompost Preparation Process	4	99
Consortium for Training Research and Development (CTRD)	Rural entrepreneurship through integrated farming, value addition and marketing	Consortium for Training Research and Development (CTRD)	4	58
Consortium for Training Research and Development (CTRD)	Rural entrepreneurship through integrated farming, value addition and marketing	Consortium for Training Research and Development (CTRD)	4	58
BRIPRD, Kalyani, Nadia	Vermicompost Production	BRIPRD, Kalyani, Nadia	4	16

<center>View File</center>

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
(i) Three (03) International Research collaborations (ii) Five (05) National Collaboration	Dept. of Biochemistry and Biophysics, KU	Data not available	365
(i) One (01) International Research	Dept. of Botany, KU	Data not available	365

Collaboration (ii) Twelve (12) National Collaborations			
(i) Four (04) International Research Collaboration (ii) Eighteen (18) National Collaborations	Dept. of Chemistry, K.U.	Data not available	365
(i) Six (06) International Research Collaboration (ii) Seven (07) National Collaborations	Dept. of Computer Science and Engineering, KU	Data not available	365
(i) One (01) International Research Collaboration	Dept. of Ecological Studies, KU	Data not available	365
(i) One (01) National Collaboration	Dept. of Library and Information Science, KU	Data not available	365
(i) One (01) International Collaboration	Dept. of Lifelong Learning and Education, KU	Data not available	365
(i) Four (04) International Research Collaboration (ii) Five (05) National Collaboration	Dept. of Mathematics, KU	Data not available	365
(i) Two (02) National Collaborations	Dept. of Microbiology, KU	Data not available	365
(i) One (01) International Research Collaboration (ii) One (01) National Collaboration	Dept. of Physics, KU	Data not available	365
View File			

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
Two (02)	Academic C	Other	01/07/2016	30/06/2017	Dept. of

Academic Linkages	ollaboration	Universities Institutes			Biochemistry and Biophysics, KU
Four (04) Academic Linkages	Academic Collaboration	Other Universities Institutes	01/07/2016	30/06/2017	Dept. of Computer Science, KU
One (01) Academic Linkage	Academic Collaboration	Other Universities Institutes	01/07/2016	30/06/2017	Dept. of Library and Information Science, KU
One (01) Academic Linkage	Academic Collaboration	Other Universities Institutes	01/07/2016	30/06/2017	Dept. of Physiology, KU
One (01) Academic Linkage	Academic Collaboration	Other Universities Institutes	01/07/2016	30/06/2017	Dept. of Zoology, KU
[View File](#)					

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
1. Centre for Biomedical Research, Lucknow	01/09/2016	Research Collaboration and joint Ph.D. supervision utilization of academic equipments of CBMR by students and faculty of University of Kalyani	10
[View File](#)			

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
1600	1286

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	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 patially)	Version	Year of automation

| SOUL 2.0 | Partially | 2.0 | 2005 |

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	148832	Nill	2466	2524990	151298	2524990
Reference Books	7307	Nill	252	344316	7559	344316
e-Books	Nill	Nill	344	247037	344	247037
Journals	7932	Nill	133	1169080	8065	1169080
e-Journals	Nill	Nill	431	2896583	431	2896583
Digital Database	Nill	Nill	4	2108485	4	2108485
CD & Video	143	Nill	0	0	143	0
Others(specify)	17900	Nill	52	Nill	17952	Nill

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	Nill

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	672	26	640	26	1	41	36	1	0
Added	100	5	53	5	0	2	0	0	0
Total	772	31	693	31	1	43	36	1	0

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

1024 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	Nill

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
210	174	160	129

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)

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 equipment 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, Monograms 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 scholarship and Merit Cum Means	232	659000
Financial Support from Other Sources			
a) National	0	0	0

b)International	0	0	0

<div align="center">

[View File](#)

</div>

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
Computer Skill Development	01/07/2016	700	NA
Yoga Training	01/07/2016	100	NA
NET/SET Coaching	01/07/2016	80	NA
Personal Counseling and Mentoring at the Departmental Level	01/07/2016	2000	NA

<div align="center">

No file uploaded.

</div>

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
2016	• Career guidance through SC/ST Coaching Centre	65	65	47	35
2016	• Career guidance through NET/SLATE Coaching Centre	150	150	87	29
2017	• Career guidance made for public examination like WBCS/etc	46	46	26	9

<div align="center">

No file uploaded.

</div>

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	65

5.2 – Student Progression

5.2.1 – Details of campus placement during the year					
On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
2	28	8	Nill	68	58
No file uploaded.					

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
2016	291	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, M Phil, PhD, PDF	Different PG departments under University of Kalyani	Attached	PDF, Ph.D, M Phil Project Associate (NDLI), Post Graduation Diploma in Water Sanitation and Hygiene
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	118
SET	29
GATE	40
GRE	1
Any Other	26
View File	

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

Activity	Level	Number of Participants
Kalyani University Athletic Meet	University	500
Hall Day of University Hostels	University	600
Annual Reunion Alumni meet of the Departments	University	3000
No file uploaded.		

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
Nill	NA	Nill	Nill	Nill	Nill	NA
No file uploaded.						

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

Commerce: Kalyani University Commerce Alumni Association is a strong unit with crossing more than 300 members. We take pride in having our alumni working in different array of corporate sector and at a very prestigious level. English: There are regular meetings of the Alumni Association of the department, on and off campus. Last year the Alumni Association organized a performance on the thoughts and songs of Lalan. Library and Information Science: KULISAA (Kalyani University LIS Alumni Association) formed in 2009. The members of KULISAA help in conducting annual seminar of the department entitled LiNE as organizing partner. Visual Arts: Former students of the Department are invited during the Kalyani Art Utsav, workshop, art fair, seminar) organized by the Department, to showcase their present works and interact with the present students. Zoology: Conduct cultural programmes during Annual Reunion. Quiz contests and sports during Annual Reunion. Arrange scientific seminars and colloquium lectures in the department Education: Participated in Different academic activities. Physical Education: Activities 1) AGM (yearly) 2) Alumni Meet 3) Friendship Football Cricket Match (Alumni vs Current Students) 4) Exhibition and Seminar by eminent personality Support 5) Technical lectures by Alumni regularly Business administration: To arrange the internship of the current students. To organize reunion of the department CSE: This department has strong liaison with alumni. The Alumni Association is strongly associated with the department and they provide a huge support to the department. There are annual cultural activities and reunions to bring the alumni back to their root for supporting the department. DETS: Alumni supported in off-campus placement of the students BC-BP: Every year we organize reunion programmes in our department. During this program our present students get the opportunity to mingle with the ex – students of our department placed in various reputed organisations and have fruitful discussion about their future career opportunities. An alumnus, Prof. Suman Dhar, Centre of Molecular Medicine, JNU and Bhatnagar Prize awardee has committed to donate 50 of his award money to the department. Botany: Registered Alumni Association confers Cash, Certificates Medals to highest rank holder and highest scorer in seven different specializations, and NET qualified students. Chemistry: Some alumni remain in continues contact with the Department and help the current students as and when required. Ecological studies: Members of Alumni Association participate in departmental cultural programmes, sports, seminars etc. EVS: Reunion was held in every year jointly by the Department and Alumni Association. Various information is available through the alumni website (www. kuesaa.com) from time to time. MBBT: 1. Organization of annual students'

seminar 2. NET coaching by alumni association 3. Make a repository of e- books and published papers of Ex-students and ensuring their availability of present students Microbiology: Being a new department, the alumnus are yet to be professionally established to support the Department financially. Physics: Alumni association meets regularly with the students. It offers cooperation to the students in the form of scholarship, books etc. The association also provides counselling service through their experience.

5.4.2 – No. of registered Alumni:

12

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

275000

5.4.4 – Meetings/activities organized by Alumni Association :

27

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. Data Management Committee The University undergoes through several accreditation processes. Among them, NAAC and NIRF are most important. Besides, UGC team visit to the University happens periodically. University has to upload AISHE data to its portal every year. Considering all these different data requirements, IQAC has made the Data Management Committee with assigned task of data collection, data arranging and data analysis. Faculty members from various departments are involved in these aspects and to assure that authentic validated information will be submitted. 2. Transparency in Research Publication and Evaluation University of Kalyani has taken several steps to assure transparency in research work, publication and thesis work. The Central Library has the facility to use TURN IT IN software to assure that there will be no redundancy or unless required no similarity in the text that will appear in the publications. This facility is also extended to teachers, scholars students to every department for a first round checking by the beneficiaries.

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
Teaching and Learning	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. 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 organised as a part of their academic performance.
Examination and Evaluation	? As per the University Regulation, during every academic year the departments conduct at least one internal assessment examination one end semester examination. 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.
Research and Development	? 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. 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.
Library, ICT and Physical Infrastructure / Instrumentation	In all the departments of the University, there exist small reference libraries along with University Central Library. Central library has been providing remote access for several database/research which are accessible to all faculty and students. 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 interact 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	**University of Kalyani has adopted hybrid model of admission process w. e. f. the academic session 2016-17. Advertisement congaing details of qualifications and fee structure are widely published in the University website and national newspapers. Syllabus 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 seats are reserved for the home university students and 40 seats are for the students of other Universities. For students of other Universities, an entrance examination is held and a merit list is prepared based on entrance examination marks plus final examination marks. The whole process is transparent and status of all applicants is displayed on the University website.**
Curriculum Development	**In the affiliated colleges of the University, the new CBCS syllabus has been introduced after thorough discussion in the Under Board of Studies (UGBOS). 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.**

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

E-governace area	Details
Student Admission and Support	• **All PG and Ph.D. admissions 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/counseling 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.
Planning and Development	• 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.
Administration	• All the administrative sections run 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, is maintained by the system. • All the routine functions of the library are automated by means of integrated library software, SOUL, developed and distributed by UGC INFLIBNET.
Finance and Accounts	• The finance and accounts department are well equipped with online accounts management system to manage the regular financial activities such aspay rolls, staff salaries, retirement benefits, pay slips etc. • 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. • The research project grants received from different funding agencies such as 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 payments to the vendors. • The tendering process is administered online, either through the Universitys website or through the governments electronic tendering portal, to ensure transparency.
Examination	The examination cell runs under the Controller of the examination. It operates through a computerised data management system to manage the student life cycle, starting from registration to result publication.

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
2016	Shiladitya Chakraborty, Assistant Professor, Department of Pol. Science	International Seminar on Ghandhi Darshan: … in the ISUD XI World Congress	Presented a paper in the International Seminar on Ghandhi Darshan: … held	65123

		in Warsaw, Poland.	during July, 11-15, 2016 in the ISUD XI World Congress in Warsaw, Poland.	
2016	Debjani Nath, Professor, Department of Zoology	International Conference on Holistic Medicine Holistic Nursing	Presented a paper in the International Conference on Holistic Medicine Holistic Nursing held during July, 14-15, 2016 in the Philadelphia, USA.	80000
2016	Sandip Mondal, Associate Professor, Department of English	International Conference on Language, Innovation, Culture and Education	Presented a paper in the International Conference on Language, Innovation, Culture and Education held during July, 30-31, 2016 in the Bangkok, Thailand.	36890
2016	Sharmila Majumdar, Associate Professor, Department of English	International Conference on Humour as Satire in an Indian Language	Presented a paper in the International Conference on Humour as Satire in an Indian Language held during July, 21-27, 2016 in the University of Vienna, Vienna, Austria.	52089
2016	Nitis Chandra Saha, Assistant Professor, Department of Chemistry	19th CRSI National Symposium CRSI-GDch Angewandte symposium	Presented a paper at the 19th CRSI National Symposium CRSI-GDch Angewandte symposium held during July, 13-16, 2016 at the Department of Chemistry, University of	10000

2016	Jayanta Kumar Biswas, Associate Professor, Department of Environmental Management	18th International Conference on Heavy Metals in the Environment (ICHMET-2016)	Presented a paper in the 18th International Conference on Heavy Metals in the Environment (ICHMET-2016) held during September, 12-15, 2016 in the Ghent University, Ghent, Belgium.	79343
			North Bengal, Darjeeling.	

[View File](#)

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)
2016	NA	Workshop on Linux Basic for Staff Development	17/08/2016	19/08/2016	Nill	35

No file uploaded.

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
Orientation Programme	1	01/08/2016	31/08/2016	31
Refresher Programme	1	26/08/2016	15/09/2016	21
Faculty Development Programme	1	13/02/2017	20/02/2017	8
Refresher Programme	2	02/01/2017	21/01/2017	20

[View File](#)

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	

Permanent	Full Time	Permanent	Full Time
0	0	3	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• The University has one Health Centre with two doctors two nurses. Ambulance facility is available here. • A branch of Bank of India is situated within the Administrative Building of the University. Salaries and other payments are made through this bank. • One Post Office is within the Administrative Building of the University. • Daily Bus Services from Kalyani Railway station to University are available. • Other welfare schemes are like FDP, Festival Advance, Loan from Employees Co-operative, PF loan, Travel Grants for academic purposes.	• The University has one Health Centre with two doctors two nurses. Ambulance facility is available here. • A branch of Bank of India is situated within the Administrative Building of the University. Salaries and other payments are made through this bank. • One Post Office is within the Administrative Building of the University. • Daily Bus Services from Kalyani Railway station to University are available. • Other welfare schemes are like FDP, Festival Advance, Loan from Employees Co-operative, PF loan, Travel Grants for academic purposes.	• Medical facilities within the campus • Students medical aid fund • Girls Boys Hostels • Internet access free of cost • Students aid fund are available.

6.4 – Financial Management and Resource Mobilization

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

So far as internal audit and internal control are concerned, the university has the following systems. After taking kind approval from the Vice Chancellor, money sanction order is issued keeping view the budgetary head and provision. Bill (audit section) of the Finance Dept. checks all types of expenditure bills and vouchers with purchased order and other supporting documents to ensure internal audit of every bill and vouchers. In addition to that Controller and Auditor General (CAG), Social Sector, West Bengal has done transaction audit and Annual Accounts audit in every year.

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
Late Trilochan Jana Champa Jana Memorial Award	200000	Awarding Two Medals, one for topper in Zoology another for topper in Environment Management
No file uploaded.		

6.4.3 – Total corpus fund generated

5280479.00

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	Yes	Faculty Council
Administrative	No	Nill	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. Parents interact with the teachers, students staff during admission of their children to get information about infrastructural facilities, teaching-learning environment evaluation process, technological support, hostel facilities. 2. The physical and mental health, academic progress of the students is communicated to the parents and their advice is considered with utmost care. 3. Parent-teacher meeting is held in all the departments and the suggestions are reviewed for further implementation.

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

1. Every year, a good number of support staff are selected from each department and are trained in the CIRM for capability enhancement in the use of computer for office work and preservation of documents. 2. A section of the technical staff are given training periodically on the use of sophisticated instruments and its maintenance 3. In-house capacity building programme for staff.

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

A. Implementation of the CBCS Syllabus: CBCS Syllabi have been introduced in UG PG courses after approval of the respective Faculty Councils and Board of Studies. These Syllabi are as per UGC guidelines and several job-oriented courses have been included in UG courses. B. E-governance system to all sections of the administrative work is to be implemented: E-governance system has been introduced in Admission section, Finance department, Controllers section and in administrative works. Accessing of e-journals and library facilities have been introduced also during the year. C. Strengthening of research activities and establishment of modern laboratories in the University: One state of the art laboratory named S. N. Bose Innovation Centre has been constructed for high quality research facilities. D. Activities of NET/SET Coaching centre to be extended intensified: Coaching for more subjects has been started. Running activities of the centre intensified with more classes and resource persons.

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
2016	IQAC has screened eighteen applications for promotion under CAS	Nill	01/07/2016	30/06/2017	18
2016	NAAC peer visited the University for 3rd Cycle Accreditation	Nill	04/12/2016	07/12/2016	3000
2016	One Day Sensitization Programme "Legal Rights of Women: Challenges Safeguards" for Women of Kalyani University Community	17/08/2016	Nill	Nill	75

View File

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
'Legal Rights of Women: Challenges Safeguards'	17/08/2016	17/08/2016	70	10
''International Women's Day''	08/03/2017	08/03/2017	150	65

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
In the University, a lot of measures have been taken to enhance environmental consciousness and sustainability among the stakeholders. Tree plantation program are undertaken every year, World Environment Day are celebrated every year to spread awareness among all sections of the employees. Seminar, Workshops are organized centrally as well as department wise (Environmental Science, Ecological Studies, Botany, Zoology etc.). Among other environmental consciousness activities are rain water harvesting, development of solid waste

management systems, bio-waste management system, e-waste management system etc. Department of Lifelong Learning Extension conducted the following two community based programmes: 1. Vermicompost Production on 01.07.2016 at Bibhutir Sansar, Sindrani, Bongaon, 24 Pgs(N) with 17 participants. 2. Mushroom Cultivation on 30 March 2017 at Belur Shromojibi Pathsala, Shromojibi Hospital, Sreerampore, Hooghly with 20 participants.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nill
Provision for lift	Yes	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	No	Nill
Rest Rooms	Yes	Nill
Scribes for examination	Yes	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
2016	4	4	01/07/2017	365	To avail the infrastructural facilities for the use of local or Governmental bodies.	4	1000

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 Students of Kalyani University	30/05/2014	To keep the Campus life peaceful, eco-friendly and to safeguard the interests of all stake-holders, the Code of Conduct for Students has

been formulated and accepted in the Executive Council Meeting. Vice Chancellor, Deans of faculties, Heads of academic departments or centres, or any competent authority as the case may be, for good and sufficient reasons impose any or more of the punishments as prescribed in the Code of Conduct. Before imposing punishment, an enquiry committee so authorised, after giving sufficient opportunity of hearing, 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
Posters Containing quotations by present past great people of India are placed at various places of the University	01/07/2016	30/06/2017	1500
In the Pre-PhD Coursework Ethics in Research are taught by Experts of the subject.	01/07/2016	30/12/2016	150
Research Student are encouraged to follow the policy of plagiarism of UGC for publication of research articles.	01/07/2016	30/06/2017	250
Teachers Day Annual Public Lecture by Prof. Malayendu Saha, Honble Vice-Chancellor, K.U.	05/09/2016	05/09/2016	175
No file uploaded.			

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

Green campus initiatives with focus on biodiversity conservation: The University of Kalyani has always been known for its lush green campus and all its stakeholders are blessed with access to an extremely clean and green environment. The University always promotes the maintenance and sustenance of the natural greenery and inherent biodiversity of the campus. The University of Kalyani has established and has been maintaining an 'Ecopark' since 2011 with initial support from the Department of Environment and Department of Forest, Govt. of West Bengal.The major trees, shrubs and herbs in the University campus and surrounding have been surveyed and documented. In the present year, the University initiated the establishment of a Butterfly Garden and a Herbal Garden within its campus with funds from West Bengal Biodiversity Board, Govt. of West Bengal and Ministry of AYUSH, Govt. of India. The University strives to maintain its inherent biodiversity and create habitat for more of such flora and fauna.

Green campus initiatives with focus on 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 Ecopark is already lighted with solar energy.

Water harvesting: The University also has making conscious effort for water conservation. There are some rainwater harvesting and natural recharge 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.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice: Development of Three Intra-University Independent Museums (Folklore Museum, Department of Folklore and The Fossil Museum, Department of Botany, Museum of Biological Specimens, Department of Zoology) Initiating Collaborations with Other Universities for Sustainable Development
2. Objective of the Practice: a. To exhibit the University collections and present to its stakeholders the university history and body of knowledge developed by university personnel. b. To dedicate part or the entire facility as a common study area for PG students, PhD research scholars, UG students of colleges affiliated under the University of Kalyani or elsewhere and support class instructors/ teachers as per their request. c. Multiplication of Benefits from Collaboration between Universities because of the resources exhibited. d. For increasing opportunities for regular interaction and communication among students, teachers and visitors to stimulate ideas and allow projects to "bubble up" from staff, students and faculties engaged in related activities.
3. The Context: Museums are considered as key contributors to new knowledge and research. The context behind building up three independent museums were to

provide importance to their teaching and research mission as museums were recognized as essential components of a university of the highest intellectual calibre. 4. The Practice: a. Folklore Museum: Since the inception of the Department has been trying to develop one folklore museum cum archive, which has now been started in a small room and a good number of items of cultural importance have been collected, documented and displayed. Basically, the department gives emphasis to collect materials which are directly connected with folklife. The mentioned department has collected various masks which are used in folk and tribal dances. The department of Folklore is able to collect various silver ornaments, used by the folks, different specimens of Terracotta, scroll paintings of Midnapore, fishing nets and other materials, Suri bowl of Birbhum, wooden dolls, varied folk tools, Naksi kantha, Kalighat paintings, specimens of conch-shell, craft, Dokra and others, rare collection of folk deities etc. In fact, our museum cum archive is the only museum in the University which is visited by scholars, researchers, students for academic purposes. Already this museum cum archive has been found mention in a number of books. This museum has also been appreciated by Ms. Helen G La Fave, US Consul General, Kolkata. b. Museum of Zoological Specimens: A state of art departmental museum has been established for proper preservation of various zoological specimens which are arranged according to their phyla. The scientific classification of each of the species have been put on the specimens by the PG students of the department. The specimens are procured as per identification syllabus of the department and also collected and preserved during the zoological excursion of the students. These specimens have been collected without destroying the biodiversity of the collection area. All the students of the department both PG and PhD students work with the specimens in the museum and the students from various UG colleges visit the museum from time to time. c. Fossil Museum: The Fossil Museum is founded in Palaeobotany, Palynology and Evolution Section of Botany Department, Kalyani University with exciting and thought-provoking displays of nature's treasure trove. Most of these fossils have been collected since a long time by the faculties of the department for their research interest. Later, these collections were placed together forming the fossil museum of the university. The PG students as well as the research scholars work with the specimens with outmost care and the museum is open to all the departments of the university as well as to the UG college students. The department arranges various extension programmes to the school students and college students where the students visit this museum and faculties in the department share their knowledge on palaeobotany with them. It is unusually rich for a small museum and there is a lot of interesting stories of natural history to tell for educating the students and common people about study and its significances in our daily life. The museum houses a wide variety of fossils especially belonging to plant kingdom, collected mainly from Gondwana, Siwalik and Deccan Intertrappean strata of India. Besides, a good collection of plant fossils exhibiting the diversity of Euramarian flora in geological past is showcased to highlight the origin of land plants and their evolution through ages. 5. Evidence of Success: Besides offering regular courses, the museums of the university intend to offer orientation and organize national and international seminar, workshop etc. on folklore and folk life, palaeobotany, Zootaxa, Animal Diversity etc. The University of Kalyani is keen about the academic awareness in inter- provincial and global perspective and for this intends to establish collaboration among different scholars of India and the foreign Universities / Institutes to felicitate an exchange of views between the scholars in inter-disciplinary studies. The University intends to undertake exchange programmes at different levels for strengthening the museums as well as for generating academic interaction and mutual understanding. The success of the museums has been obtained in the form of various international collaborations and international projects. Department of Zoology is working with University of Uzbekistan where a MoU of 3 years have been generated.

Moreover, the exhibits of all the three museums generate a lot of interest amongst students of the university and are generally exhibited to the public on special occasions. 6. Problems Encountered and resources Required: The major problem encountered is the costs of maintaining the museums in the university. The university being a non-profit organization allow free entry in the museums and generating income out of these museums is not possible. So, maintaining the exhibits with proper care is the main challenge that the university faces. Moreover, the tropical weather conditions are not very conducive for preserving different items collected by the departments. But the departments, with their faculty strength try to maintain all the facilities. The main resource required is a resource person/ museologist who would maintain all the three museums as state of art facility of the University of Kalyani, work towards the development of the museums and bring state and central fundings for proper upkeeping of the three museums. 7. Notes (Optional):

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/iqac/InstitutionalBestPractices/ibp2016-17.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 performance of the University distinctive to its vision, priorities and thrust area is evident from its basic policies and programs followed throughout the year. Several steps are undertaken to enhance the quality of the education and research 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) In the University, an atmosphere of communal harmony is preserved promoting 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 a large number of National/International Institutions. (viii) The departments of Microbiology, Molecular Biology Biotechnology have been organising Entrance Examinations for admission to PG courses.

Provide the weblink of the institution
https://klyuniv.ac.in/wp-content/uploads/2022/iqac/InstitutionalDistinctiveness/id2016-17.pdf

8.Future Plans of Actions for Next Academic Year

• To introduce a complete automated research degree evaluation procedure. • To expedite the recruitment to existing vacancies on priority basis to maintain cadre ratio. • Total e-governance is to be introduced including Registration Migration of the students. • Intellectual Property Rights (IPR) Cell is to be made. The faculty members will also be encouraged to acquire patents of their

research. • Human Ethics Committee is to be established following UGC guidelines. • A language laboratory is to be set up in the department of Folklore. • The placement cell will be made more active to resolve the placement related issues and to attract more industry recruitment bodies to the campus for interaction and recruitment. • The use of solar energy in the campus will be initiated. • A Central Alumni Association is to be formed associating the faculty members who are alumni of the University. Steps will be taken to incorporate the activities of the central alumni association in the University website. The members of the association will keep constant touch with other alumnus of the University residing in India and abroad. The central alumni association is to registered. • Conducting workshop for the Heads of various departments and Centres of the University of Kalyani regarding awareness of IQAC. • Rest room in the departments will be set up for divyang students. • To accommodate more books and to avail more space for reading facilities, vertical extension of the Central Library is to be constructed.