INTERNAL QUALITY ASSURANCE

9th September, 2015,

K. N. College, Murshidabad

Abstract:

Internal Quality Assurance is a self organizing process within the institution which monitors the advancement of an institutions through computing and comparing different parameter of previous year of the institutions in terms of relative performance of the attributes. What we have committed or planned in the previous year, how much it has been achieved, in terms of the specified parameters and what are the plan for the next year.

Among the attributes all may not be progressive , we should look into the parameters consisting of negative growth so that this negativity may be reduced . Also we have to monitors all parameters such that parameters consisting of positive growth may not be reduced in terms of development for the subsequent years.

There is a very specific format of reporting and observing these attributes which is governed by the regulations and stipulations of Higher Education.

The key parameters are divided into two parts, part Aand Part B. Part A consists of

Details of the institution and IQAC composition and activities that of part B consists of seven criteria as follows.

Criterion –I: Program Mission, Objectives and Outcomes

Criterion –II: Curriculum Design and Organization

Criterion –III: Laboratories and Computing Facilities

Criterion –IV: Student Support and Guidance

Criterion –V: Process Control

Criterion –VI: Faculty

Criterion –VII: Institutional Facilities

Criterion –VIII: Institutional Support

This is the form of output which must be reported using these criteria to evaluate all parameters in terms of comparison of the same with previous year and to plan the same for the coming year which is a cyclic process. Some case based examples are given to illustrate few parameters

IQAC
(Internal Quality Assurance Cell)

- The Internal Quality Assurance Cell (IQAC) is the cell that is formulated for monitoring the quality parameters in Academic Institutions.
- The committee formed based on the recommendations given by National Assessment Accreditation Committee

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Tasks of the Committee

- Develop a system for conscious, consistent and catalytic improvement in the performance of institutions
- Significant and meaningful contribution in the post-accreditation phase of institutions
- Channelize the efforts and measures of an institution towards academic excellence

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Characterstics of Universities/Colleges

- Government to continuously provide adequate funding
- Isolation of Institutions from markets
- Academics believe in idealism
- Mostly for local students
- Government regulated systems
- Competition/profits were almost unknown
- Smaller enrolment for elitist students

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Objectives of Quality Assurance

- Establish Goals and
- Report on Progress

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Objectives of Quality Assurance

Public and Government are concern with HE

- **standards**
- **quality**
- **employability**
- **skills of graduates**

HE is expensive

Increased demands for accountability

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WHY? WHAT FOR?

- Institutions need base decisions concerning
  - efficiency
  - effectiveness
  - Productivity
- Comparisons and assessments of educational functioning.

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WHY? WHAT FOR?

- Increased competition among students and institutions
- Growing need for recognition and certification of courses
- Courses becoming increasingly difficult to regulate

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SOLUTION?

QUALITY ASSURANCE

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IQAC

- **Introduction**
- **Quality Assurance**
  Definition, Need & Improvement
- **IQAC Functions and Organization**
- **Self-Assessment**
  Definitions, Elements, Desired Outcomes, Requirement, Current practice, Objectives, Model, Components
- **Case Study**

OBJECTIVES

- **Improve** the quality of **output** and efficiency of HE learning (teaching) systems in a systematic way
- Help to introduce **enabling learning** environment which is fostering element for building a knowledge economy.
- **Contribute** substantially in the success of other programs such as faculty, curriculum and infrastructure development
- **Assure the integration** of important component of Quality in all developing fields and coming policies of HE.

QUALITY ASSURANCE IN HIGHER EDUCATION

QUALITY ASSURANCE NEED

QUALITY ASSURANCE DOES NOT HAPPEN BY ACCIDENT:

IT HAS TO BE PLANNED

CONTINUING IMPROVEMENT

Quality is not any single thing but an aura, an atmosphere, an overpowering feeling that THE INSTITUTION IS DOING EVERYTHING WITH EXCELLENCE

IMPROVEMENT OF QUALITY

Grouping of Organizations

Being in a particular group means running to be stationary

IMPROVEMENT THROUGH QUALITY MANAGEMENT

Models of Excellence

Accreditation

NAAC , NBA, AICTE

Performance Criteria

Follow Criteria for Educational excellence

Excellence Model to Improve Performance

Standards

With Education Guidelines

Basis for all these systems is Self Assessment

OUTPUT OF QUALITY ASSURANCE

QUALITY ASSURANCE MODEL

SWOT ANALYSIS

SWOT analysis (alternatively SWOT matrix) is a structured planning method used to evaluate the strengths, weaknesses, opportunities, and threats involved in a project or in a business venture. A SWOT analysis can be carried out for a product, place, industry or person

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MECHANISM OF EVALUATION

- Self Assessment (yearly)
- University Internal Review (after every 02 years)
- External Review (after every 04 years)

The key parameters are divided into two parts, 'Part A' and 'Part B'.

'Part A' consists of details of the institution and composition of IQAC that of part B consists of seven criteria as follows.

Criterion –I: Program Mission, Objectives and Outcomes
Criterion –II: Curriculum Design and Organization
Criterion –III: Laboratories and Computing Facilities
Criterion –IV: Student Support and Guidance
Criterion –V: Process Control
Criterion –VI: Faculty
Criterion –VII: Institutional Facilities
Criterion –VIII: Institutional Support

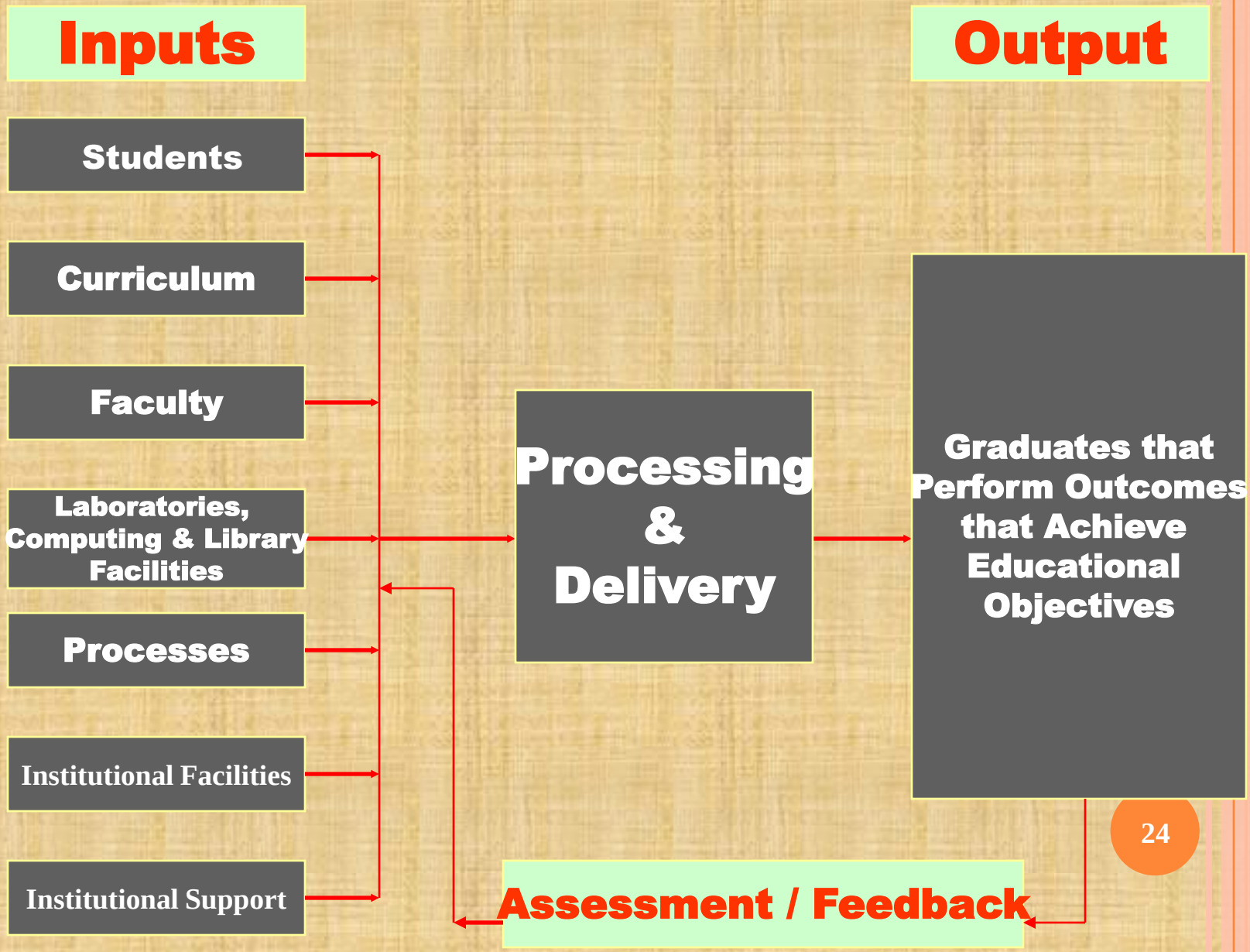
Final section of the report deals with the proposal for the next Academic Calendar of the institutions

IQAC FUNCTIONS

- **Salient functions of IQAC:**
  - Promoting public confidence that the quality and standards of the award of degrees are enhanced and safeguarded.
  - Review of quality standards and the quality of teaching and learning in each subject area.
  - Review of academic affiliations with other institutions in terms of effective management of standards and quality of programs.
  - Defining clear and explicit standards as points of reference to the reviews to be carried out. It should also help the employer to know as to what they could expect from candidates.
  - Developing qualifications framework by setting out the attributes and abilities that can be expected from the holder of a qualification

Cont'd...

ASSESSMENT MODEL



COMPONENTS OF THE SELF-ASSESSMENT PROCESS

CRITERIA:

Eight Criteria

PROCEDURE:

Specifies the **Process of Initiating, Conducting, and Implementing** the Assessment.

CRITERIA

- **EACH CRITERION HAS:**

AN INTENT:

A STATEMENT OF REQUIREMENTS TO BE MET

SEVERAL STANDARDS:

THEY DESCRIBE HOW THE INTENTS ARE MINIMALLY MET

CRITERIA AND STANDARDS

Crit No.	Description	No. of Stds
1	PROGRAM MISSION, OBJECTIVES AND OUTCOMES	4
2	CURRICULUM DESIGN AND ORGANIZATION	7
3	LABORATORIES AND COMPUTING FACILITIES	3
4	STUDENT SUPPORT AND GUIDANCE	3
5	PROCESS CONTROL	5
6	FACULTY	3
7	INSTITUTIONAL FACILITIES	3
8	INSTITUTIONAL SUPPORT	3

CRITERION 1

PROGRAM MISSION, OBJECTIVES AND OUTCOMES

CRITERION 2

CURRICULUM DESIGN & ORGANIZATION

The curriculum must be designed and organized to achieve the program's objectives and outcomes. Also course objectives must be in line with program outcomes. The breakdown of the curriculum must satisfy the standards specified in this section. Curriculum standards are specified in terms of credit hours of study.

Provide the following information about the program's curriculum:

(A) Title of degree program

(B) ~~Definition of credit hour~~

Cont'd…

CRITERION 3

LABORATORIES AND COMPUTING FACILITIES

- **Laboratories and computing facilities must be adequately available and accessible to faculty members and students to support teaching and research activities.**

- **Provide the following information about the laboratories and computing facilities that are available for use in the program under assessment.**

  - **Laboratory Title**
  - **Location and area**
  - **Objectives**
  - **Adequacy for Instructions**
  - **Courses taught**
  - **Manuals for experiments**
  - **Software Available (if applicable)**
  - **Major Apparatus**
  - **Major Equipment**
  - **Safety Regulations**

CRITERION 4

STUDENT SUPPORT AND ADVISING

- Student must have adequate support to complete the program in a timely manner and must have ample opportunity to interact with their instructors and receive timely advice about program requirements and career alternatives. To meet this criterion the standards in this section must be satisfied.

CRITERION 5
PROCESS CONTROL

The processes by which major functions are delivered must be in place, controlled, periodically reviewed, evaluated and continuously improved. To meet this criterion a set of standards must be satisfied.

Standard 5-1

The process by which students are admitted to the program must be based on quantitative and qualitative criteria and clearly documented. This process must be periodically evaluated to ensure that it is meeting its objectives

Cont'd…

CRITERION 6

FACULTY

Faculty members must be current and active in their discipline and have the necessary technical depth and breadth to support the program. There must be enough faculty members to provide continuity and stability, to cover the curriculum adequately and effectively, and to allow for scholarly activities. To meet this criterion the standards in this section must be satisfied

CRITERION 7

INSTITUTIONAL FACILITIES

Institutional facilities, including library, classrooms and offices must be adequate to support the objective of the program. To satisfy this criterion a number of standards must be met

CRITERION 8

INSTITUTIONAL SUPPORT

The institution's support and the financial resources for the program must be sufficient to provide an environment in which the program can achieve its objectives and retain its strength.

Standard 8-1

There must be sufficient support and financial resources to attract and retain high quality faculty and provide the means for them to maintain competence as teachers and scholars

Standard 8-2

There must be an adequate number of high quality graduate students, research assistants and Ph.D. students

Standard 8-3

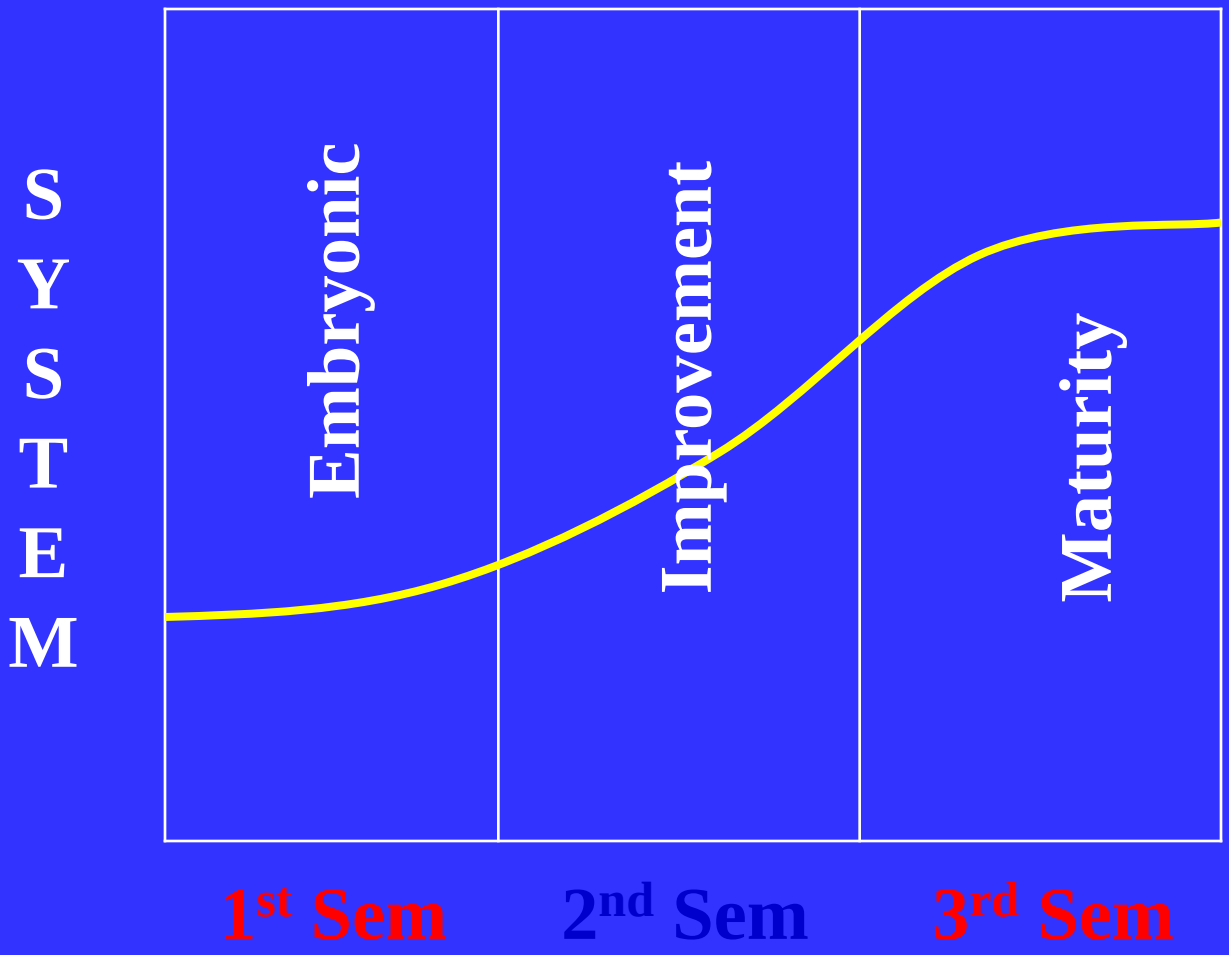
Financial resources must be provided to acquire and maintain Library holdings, laboratories and computing facilities

CONCLUDING REMARKS

- Quality Assurance is the responsibility of HEI itself
- Overnight results not possible. So be patient but consistent in pursuing the agenda
- Full support of the administration and cooperation of faculty essential to achieve the positive results

QA SYSTEM MATURITY LOGIC

An S-Curve



MISSION STATEMENTS

Mission Statement of University / Institute)

To develop human resources by inculcating professional knowledge, skills and ethical values, to bring-in prosperity and technological advancement based on high-tech research in the individual's life and society at large

Mission Statement of Department

The Department is committed to providing highest quality education, conducting high quality basic and applied research addressing the evolving needs of industry and society, and supporting the development of more competitive and new industry in the country.

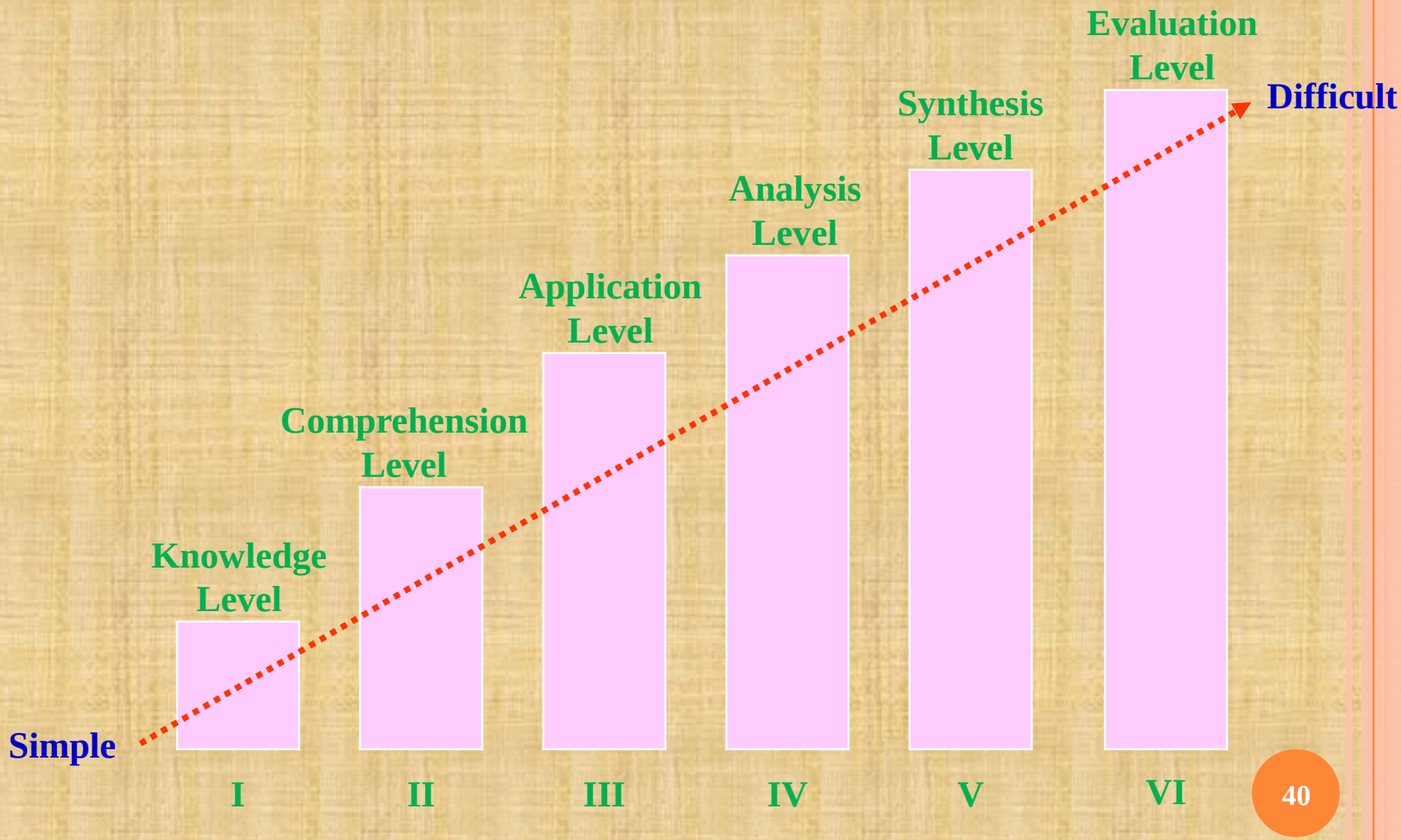
Mission Statement of Program (Engg)

To build concrete concepts of the subject through high quality class teaching, laboratory work and small-scale research work, to help individuals become change agents on the canvas of technology advancement and innovation

ACTION PLAN

COGNITIVE LEARNING

(BLOOM'S TAXONOMY 1956)



CAPACITY BUILDING

- Awareness campaigns, and

- Training component whenever and wherever required

QUALITY CONTROL

ANNUAL QUALITY ASSESMENT REPORT (AQAR)

A CASE STUDY

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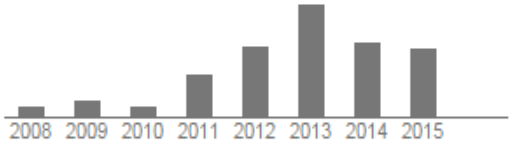

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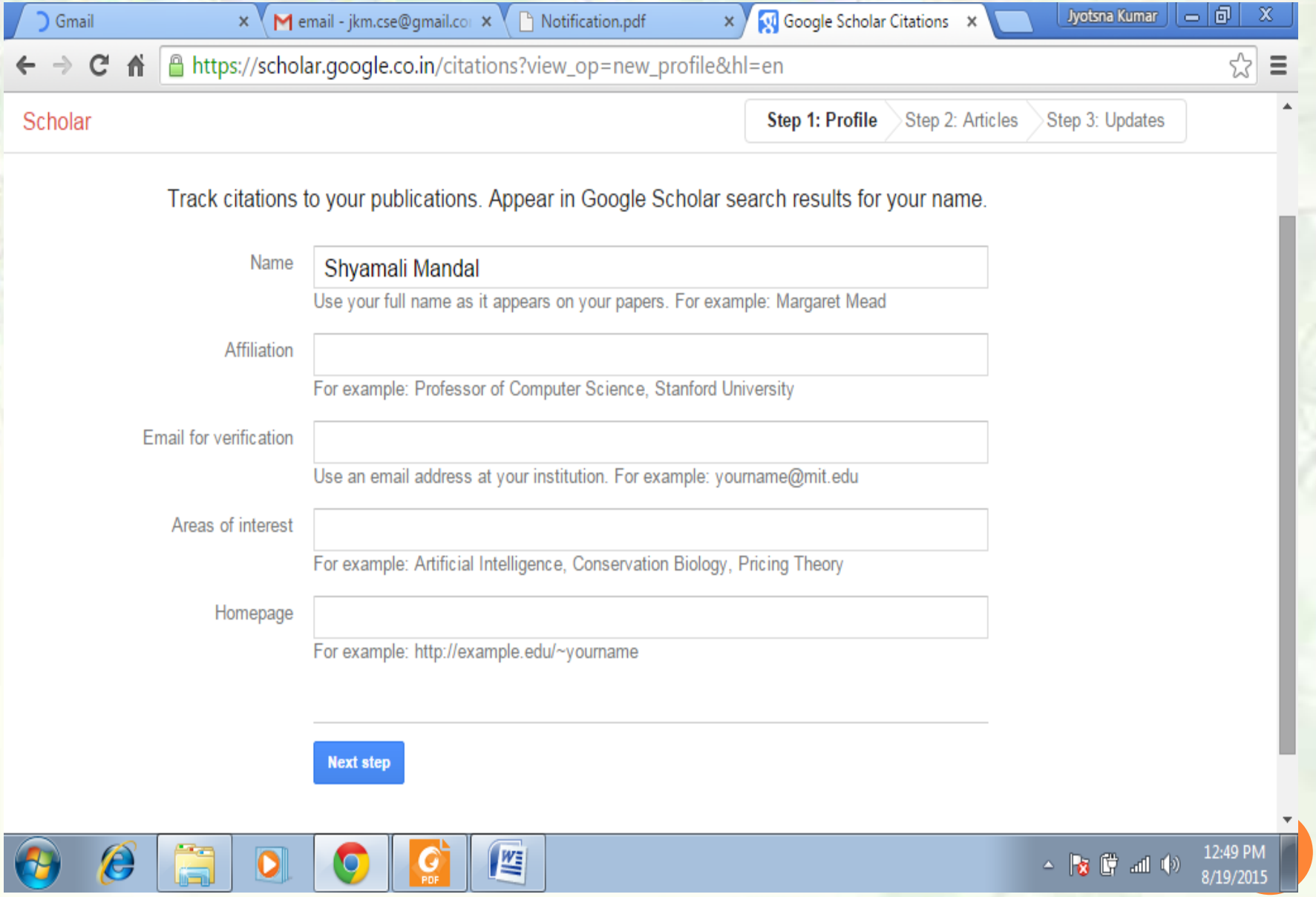
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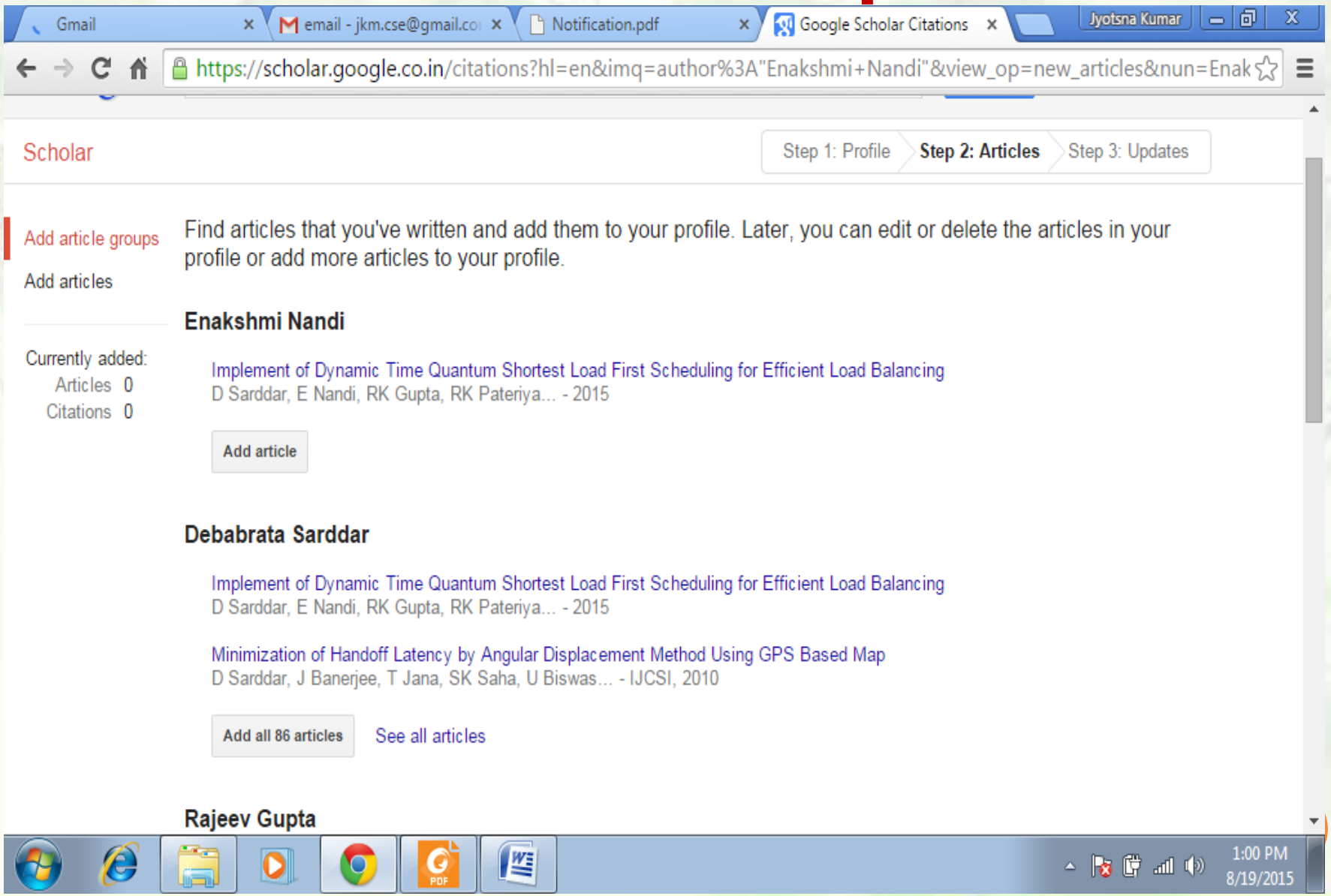

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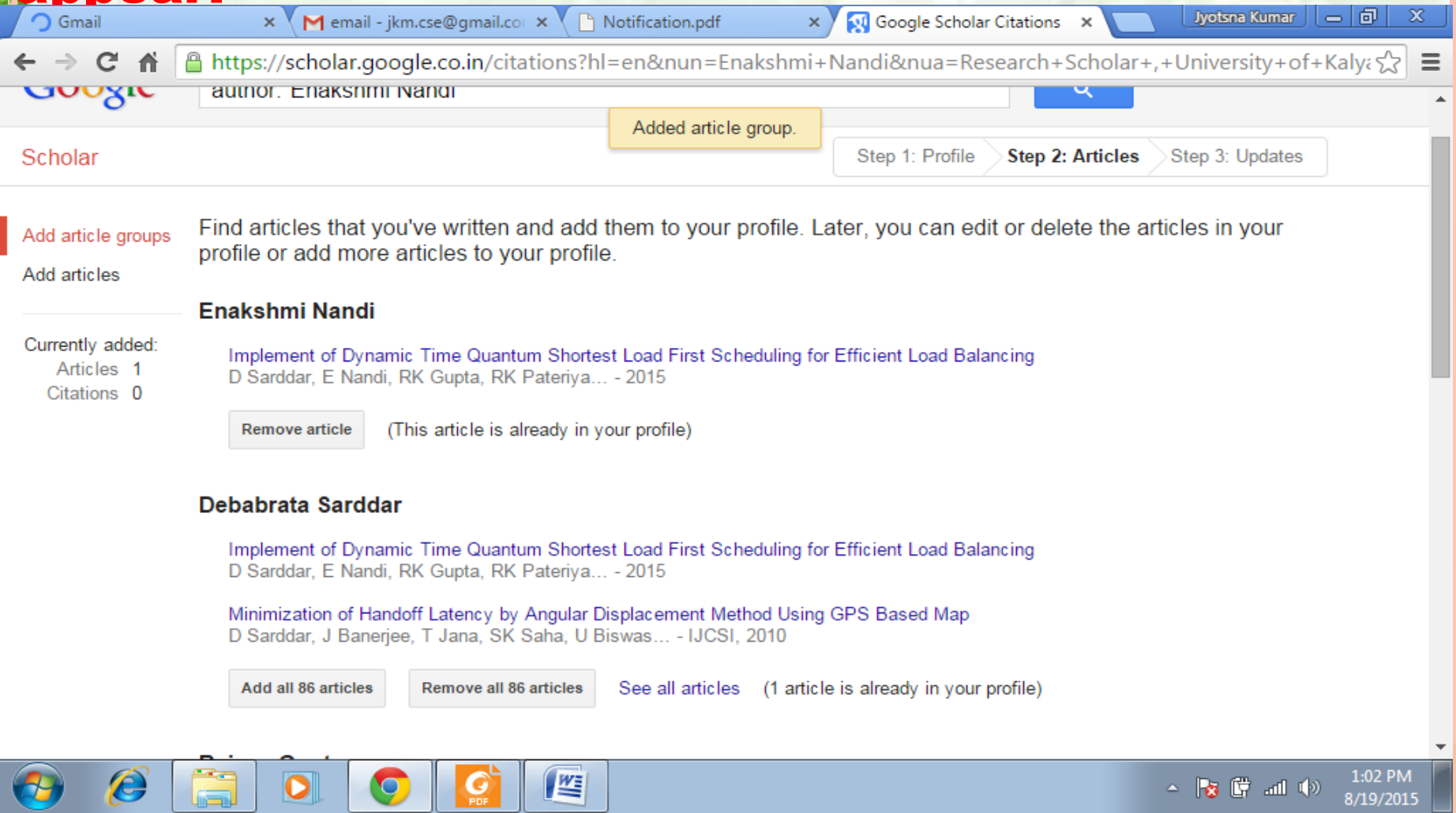

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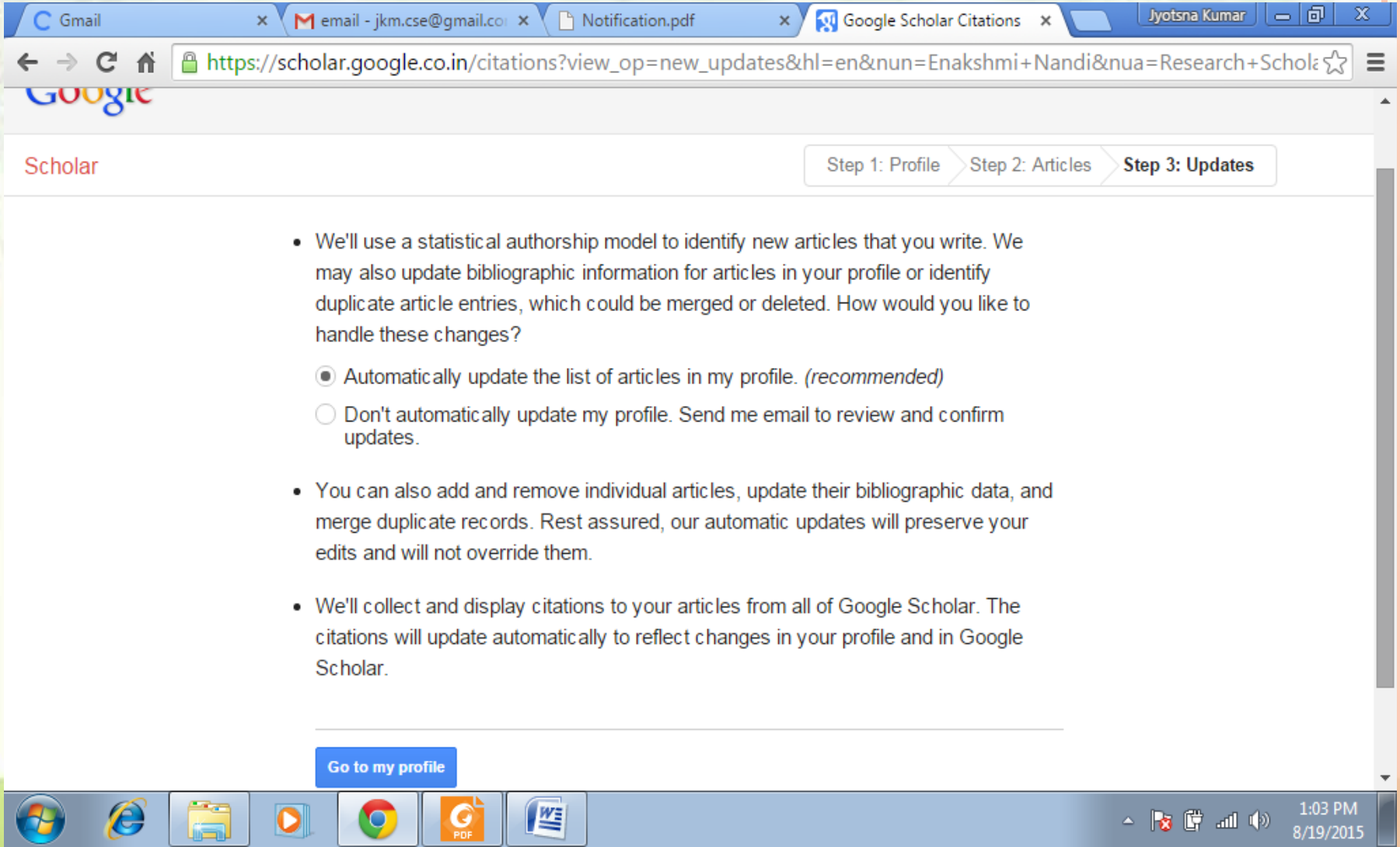

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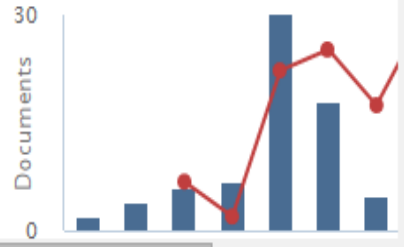

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PART C:

Detail the plans of the institution for the next year:

1. Improving the results.
2. Many departments want to start add on courses.
3. To improve the infrastructure.
4. To conduct national and state level seminars.
5. To equip all departments with library and infrastructure.
6. To persuade CCE to allot more staff to the college.
7. Improve the quality of performance of students.
8. To apply for more UGC minor and major projects and workshops.

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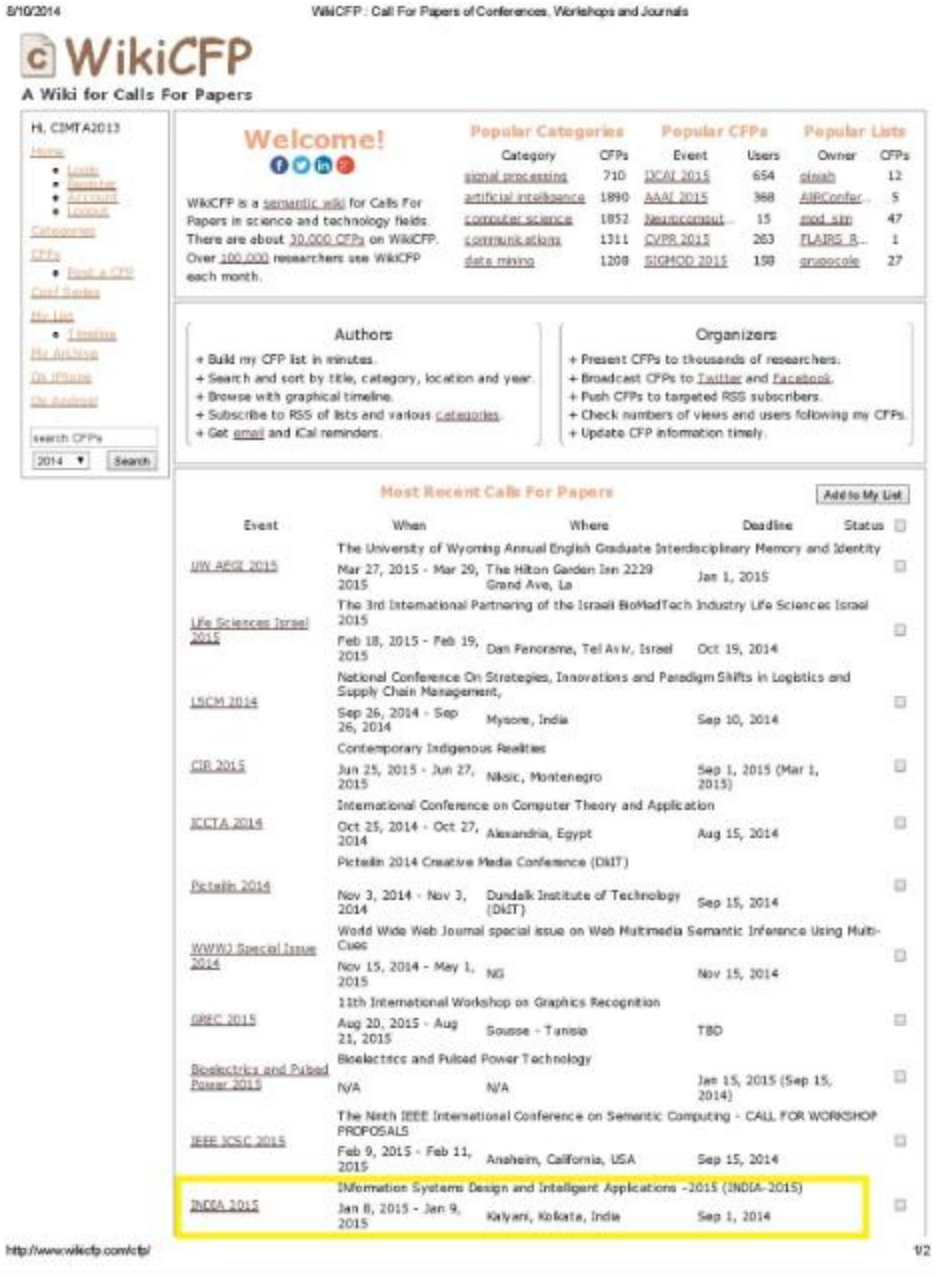

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Life Sciences Israel 2015	The 3rd International Partnering of the Israeli BioMedTech Industry Life Sciences Israel 2015 Feb 18, 2015 - Feb 19, 2015	Dan Panorama, Tel Aviv, Israel	Oct 19, 2014	
LSCM 2014	National Conference On Strategies, Innovations and Paradigm Shifts in Logistics and Supply Chain Management, Sep 26, 2014 - Sep 26, 2014	Mysore, India	Sep 10, 2014	
CIR 2015	Contemporary Indigenous Realities Jun 25, 2015 - Jun 27, 2015	Niksic, Montenegro	Sep 1, 2015 (Mar 1, 2015)	
ICCTA 2014	International Conference on Computer Theory and Application Oct 25, 2014 - Oct 27, 2014	Alexandria, Egypt	Aug 15, 2014	
Pictailin 2014	Pictailin 2014 Creative Media Conference (DkIT) Nov 3, 2014 - Nov 3, 2014	Dundalk Institute of Technology (DkIT)	Sep 15, 2014	
WWWJ Special Issue 2014	World Wide Web Journal special issue on Web Multimedia Semantic Inference Using Multi-Cues Nov 15, 2014 - May 1, 2015	NG	Nov 15, 2014	
GREC 2015	11th International Workshop on Graphics Recognition Aug 20, 2015 - Aug 21, 2015	Sousse - Tunisia	TBD	
Bioelectrics and Pulsed Power 2015	Bioelectrics and Pulsed Power Technology N/A	N/A	Jan 15, 2015 (Sep 15, 2014)	
IEEE ICSC 2015	The Ninth IEEE International Conference on Semantic Computing - CALL FOR WORKSHOP PROPOSALS Feb 9, 2015 - Feb 11, 2015	Anaheim, California, USA	Sep 15, 2014	
INDIA 2015	INformation Systems Design and Intelligent Applications -2015 (INDIA-2015) Jan 8, 2015 - Jan 9, 2015	Kalyani, Kolkata, India	Sep 1, 2014	

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Link: http://kucse.in/icic2_2016

When	Feb 18, 2016 - Feb 19, 2016
Where	Kalyani, Kolkata,India
Submission Deadline	Sep 30, 2015
Notification Due	Oct 30, 2015

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QAR 2013-2014 - A Case Study of Kalyani University

Highlights of 2013-2014

MAJOR EVENTS

Two days Workshop on "Computational Methodologies and Applications(CMA)", organized by the Department of Computer Science & Engineering jointly with the Dept. of Computer Science & Technology, Bengal Engineering and Science University, Shibpur, West Bengal under Statewide University Network (SUN) project of Govt. of West Bengal during April 22-23, 2013

STUDENT ENROLLMENT:

- 69318 Students were enrolled in 104 affiliated/constituent colleges.
- 6892 Candidates applied for admission in the University for various Programmes and 2325 were admitted PG programmes of the University
- 615 Research Scholars were registered for Ph. D. programmes in various Departments of the University.

STUDENT ACHIEVEMENTS:

- 98 students qualified UGC-NET /SLET/CSIR
- 29 students qualified GATE
- 13 students were awarded M. Phil in two Departments and 118 scholars were awarded Ph.D. degrees in different departments

ACADEMIC AND RESEARCH ACHIEVEMENTS:

INFRASTRUCTURAL DEVELOPMENT:

TRAINING AND DEVELOPMENT:

HUMAN RESOURCE DEVELOPMENT

SOME NOTABLE VALUE ADDITIONS:

Faculties

- Faculty of Arts & Commerce
- Faculty of Education
- Faculty Engineering, Technology & Management
- Faculty of Fine Arts & Music

  Faculty of Science

The University of Kalyani has 33 Teaching Departments, 8 Research Centers, Directorate of Distance Educations which operate through five Faculties under four Deans of the Faculties.

The University of Kalyani offers different academic, professional and technical programmes. These programmes include Ph. D. Programme in 29 disciplines, M. Phil. in 3 disciplines, 30 Masters Degree, one MBA , 3 M. Tech. , 2 B. Tech. , 2 B. Ed. , one MCA,one Integrated M. Sc. and three Diploma Courses along with extension/outreach activity Department of Adult and Continuing Education, where 33 short term training programmes are conducted during the year. The University has a 'Rabindranath Study Centre' where a four months Certificate course is conducted.

104 undergraduate colleges offering various undergraduate programmes and few Post Graduates Programmes in Nadia and Murshidabad Districts are run under the jurisdiction of Kalyani University Act.

Authorities And Administration

The University of Kalyani has the following infrastructure in terms of human resources.

- **Actual Teaching Posts: Professor-62, Associate Professor 67 and Assistant Professor-71**
- **Actual Officers Posts: -18 (including Recruitment in 2013-14)**
- **Actual Non-Technical Posts: Supdt.(Technical)-05,Technical Asstt.-26, Supdt.(Jr.&Sr.)-14, Sr.Asstt.-29, Jr. Asstt-43, Mess Worker including Recruitment in 2013-14=52, Others -235**

Financial Indicators

Receipts during the financial year 2013-14 (Non-Plan)

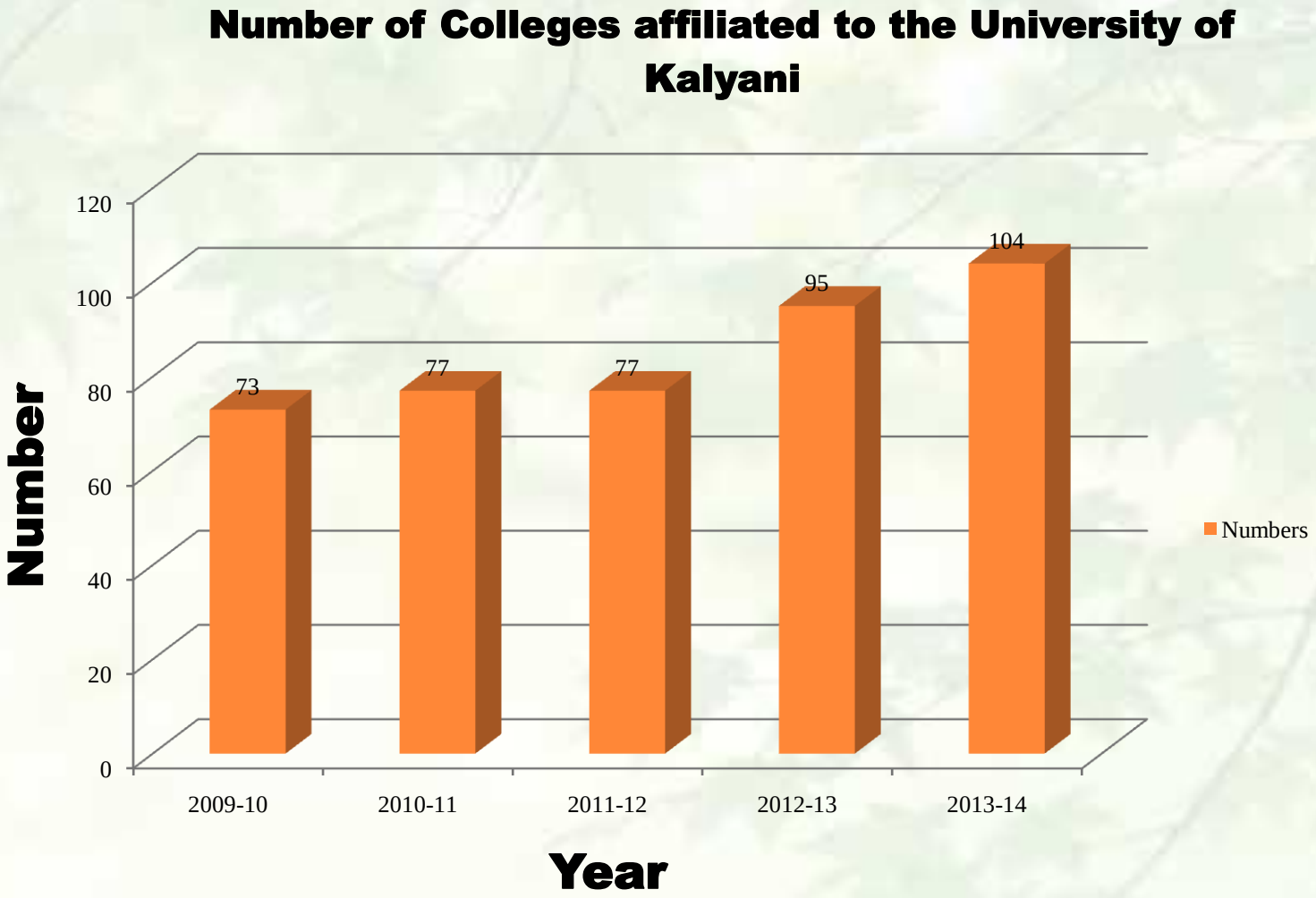
Head of Accounts	Amount in Lac (Rs.)
University Receipts	Rs. 1,007.18
State Grant	Rs. 6,604.94
Total	Rs.7,612.13

Funding Agency	Purpose	Fund Released (In Lac)	Expenditure (In Lac)
		2013-2014	2013-14
DST, Govt. of India	Financial Assistance on PURSE Programme	Rs. 292.87	Rs.265.46

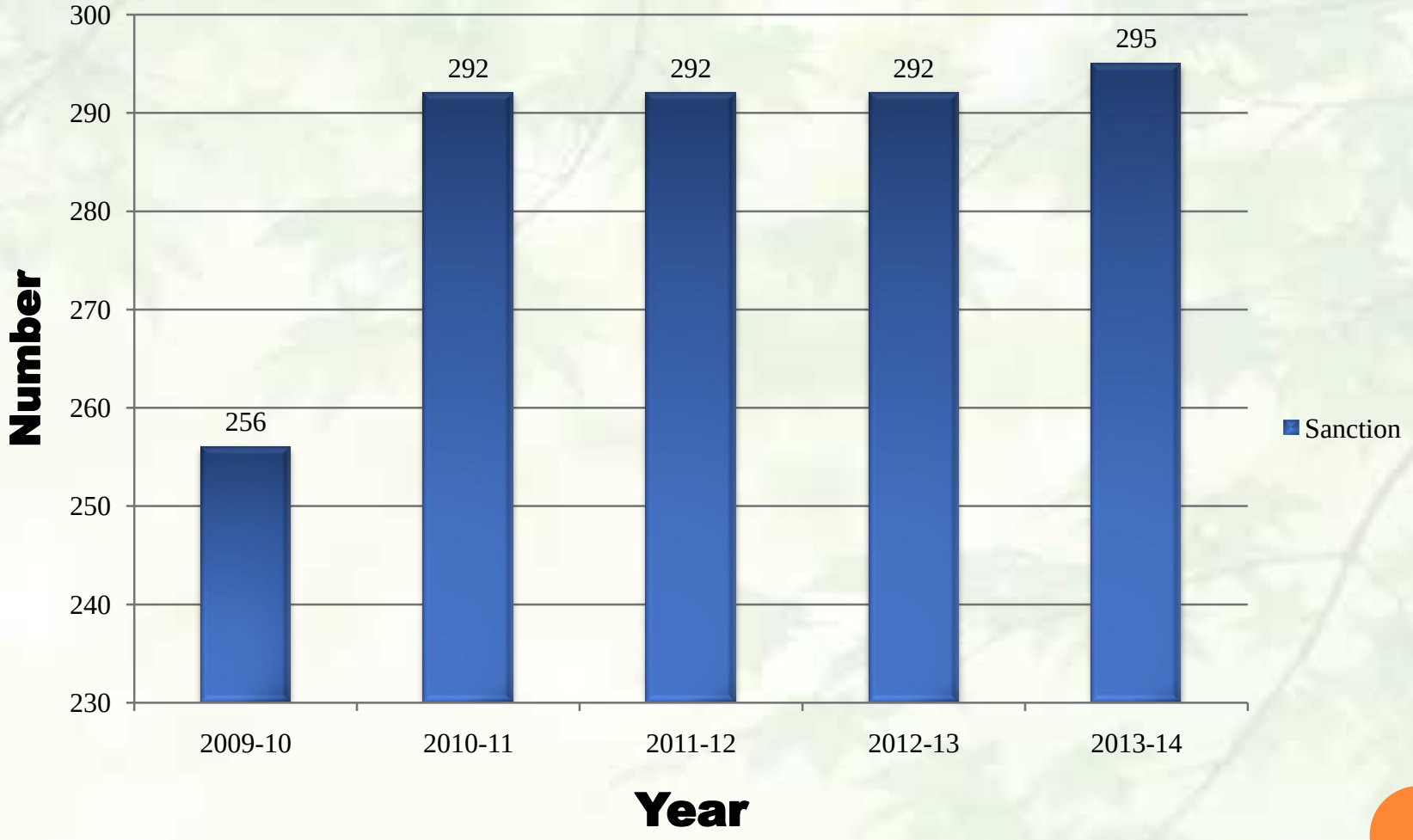
Major Events 2013-14 at a Glance

26th Convocation of University of Kalyani, on 8th August 2013

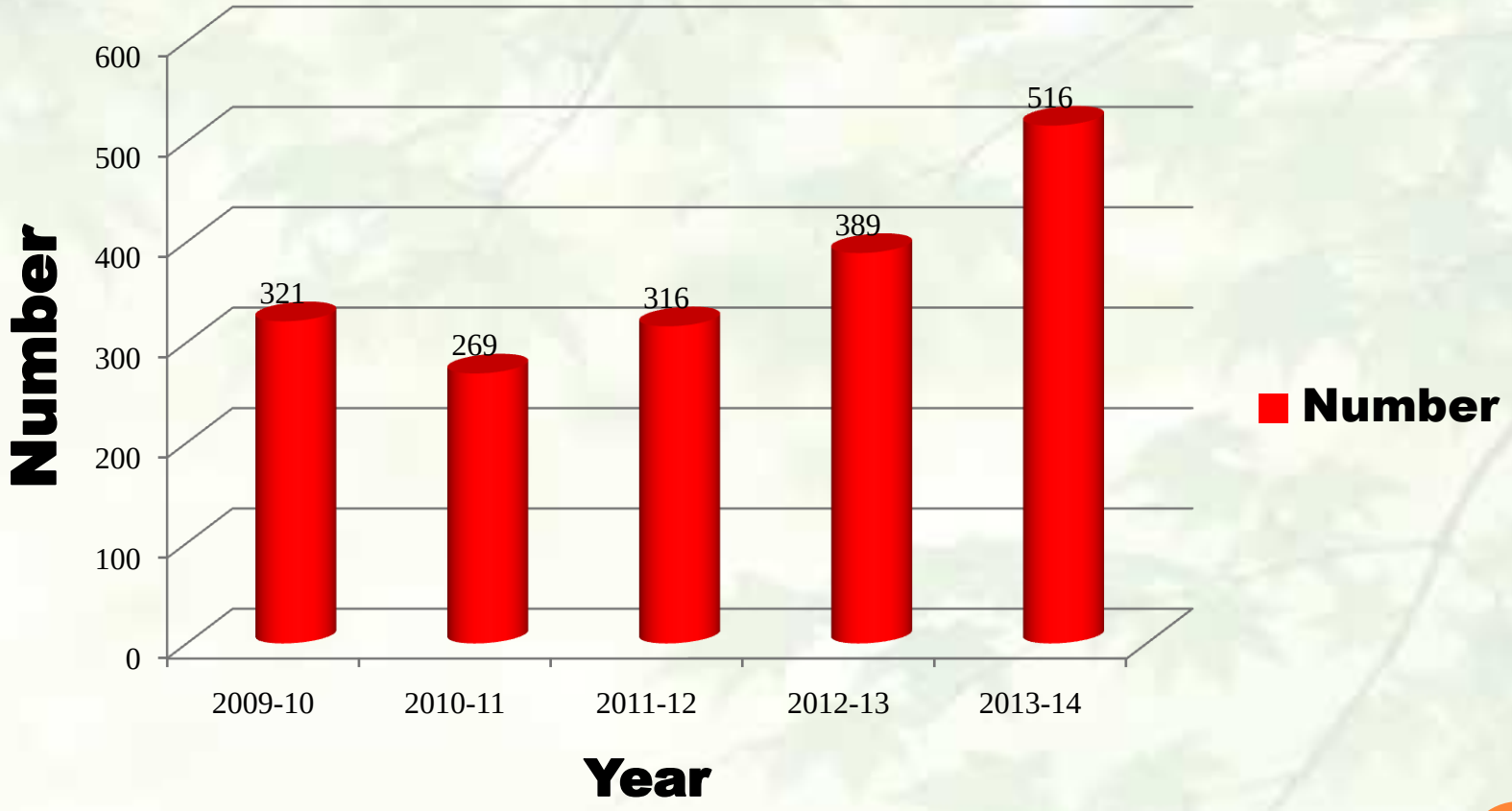
Growth and Development of University



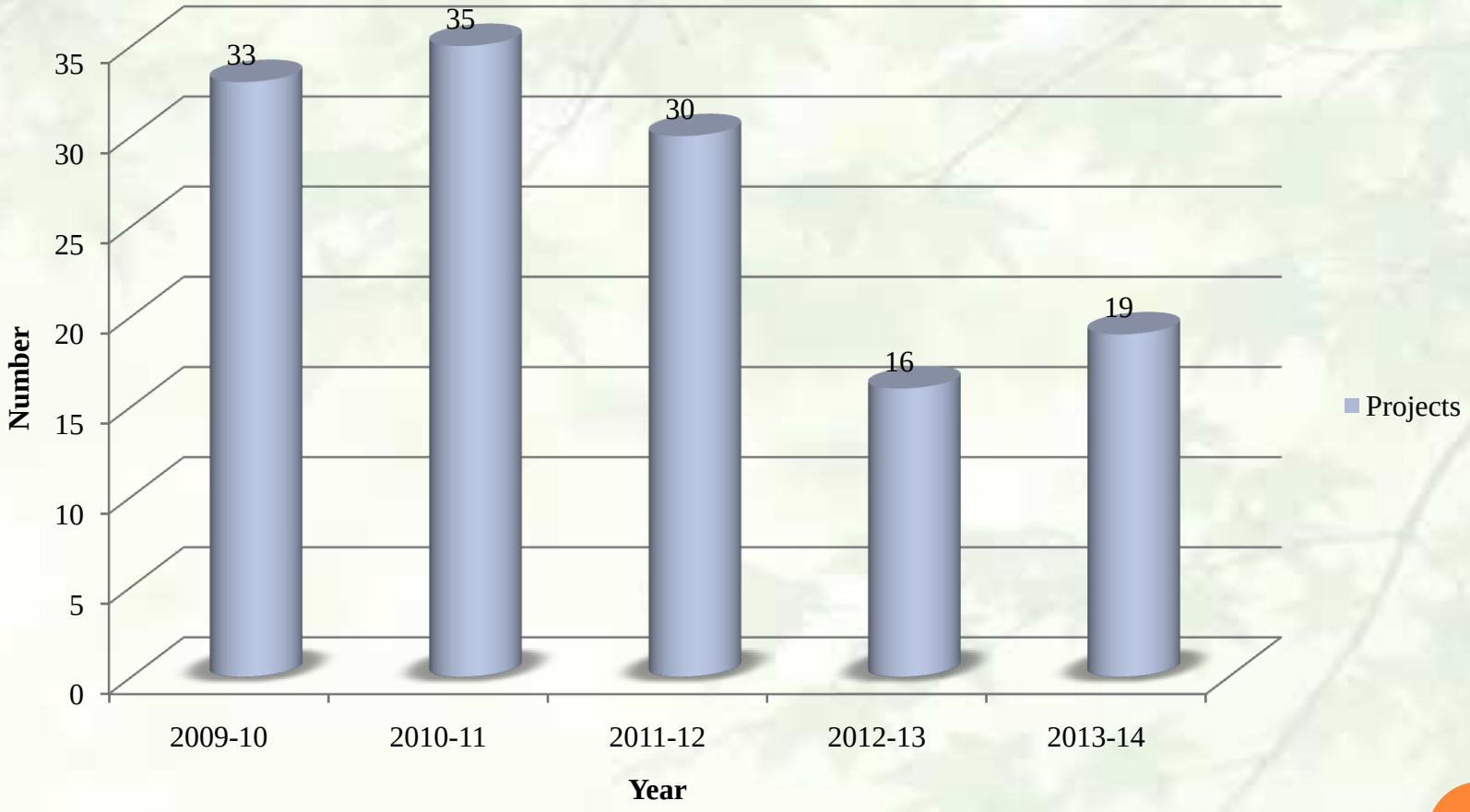
Sanction Strength of Teaching Faculty at the University



Conferences/Seminars/Workshops attended by the teaching faculty



Number of Research Projects sanctioned and funded by the different agencies



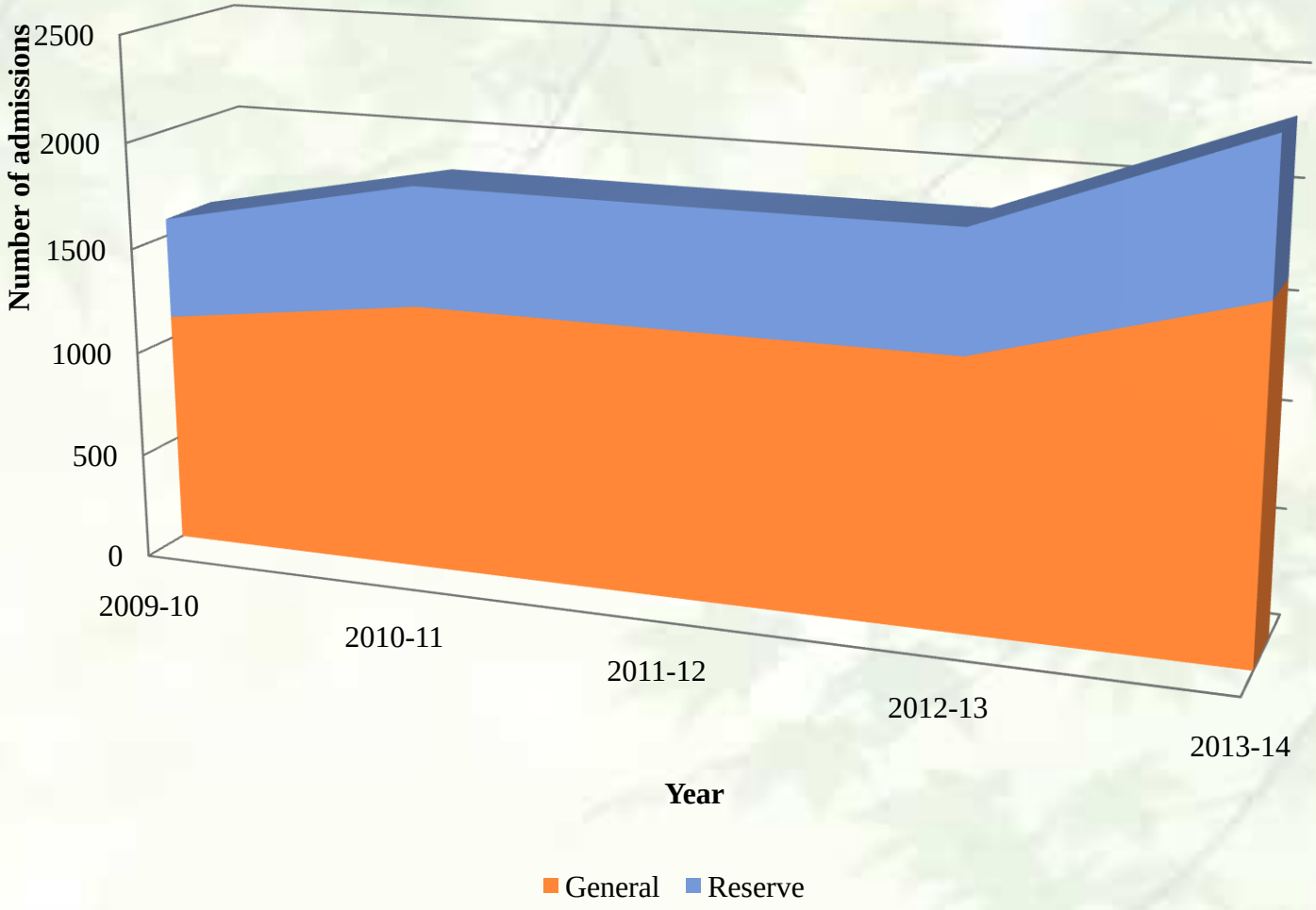
Conferences/Seminars/Workshops organized by the University

PG admission granted in different courses

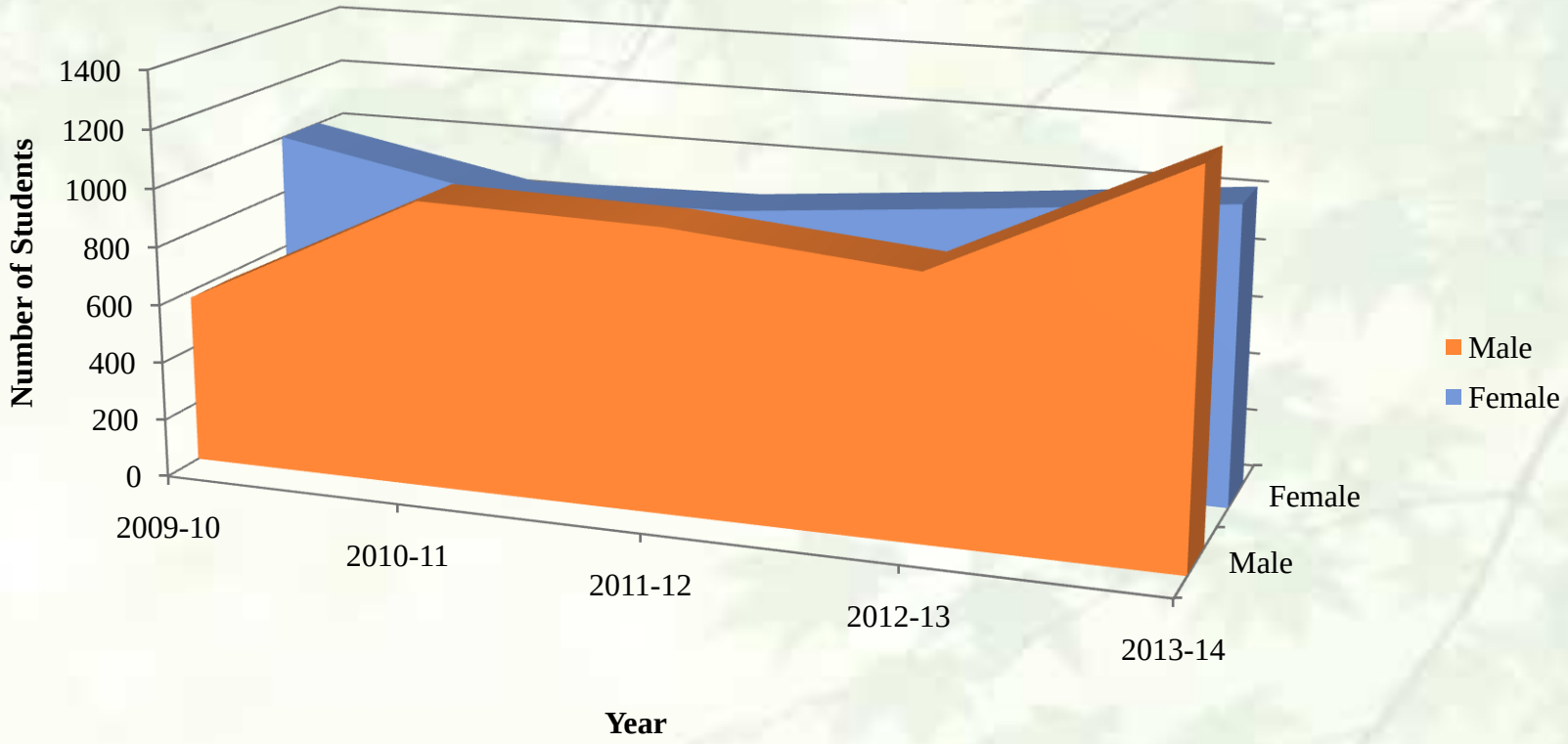
Number of Scholars registered for Ph. D. Programmes in different Faculties

Number of admissions granted through Distance mode of Education

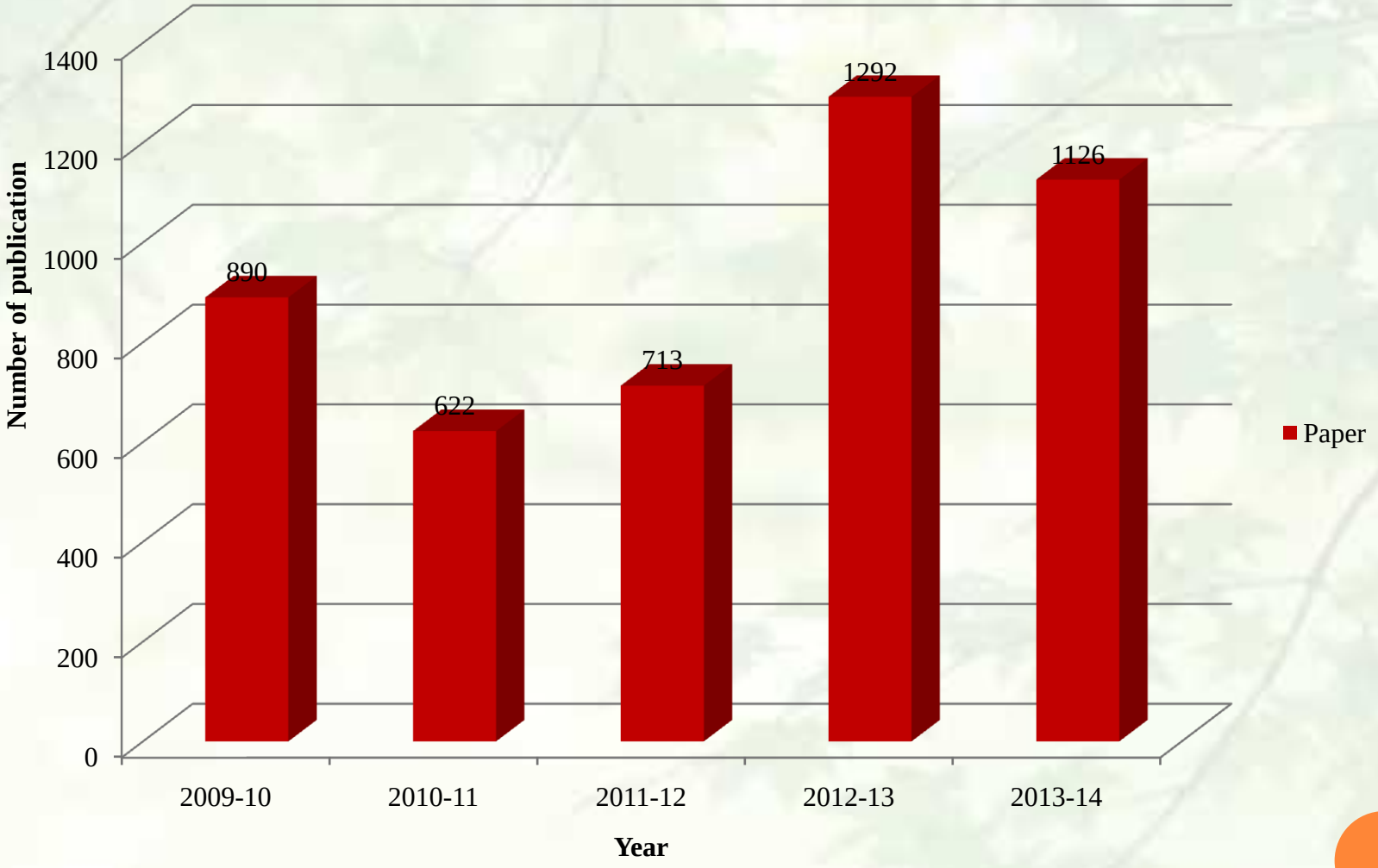
Number of admissions granted in the University under different Categories



Number of Male and Female students admitted in the University

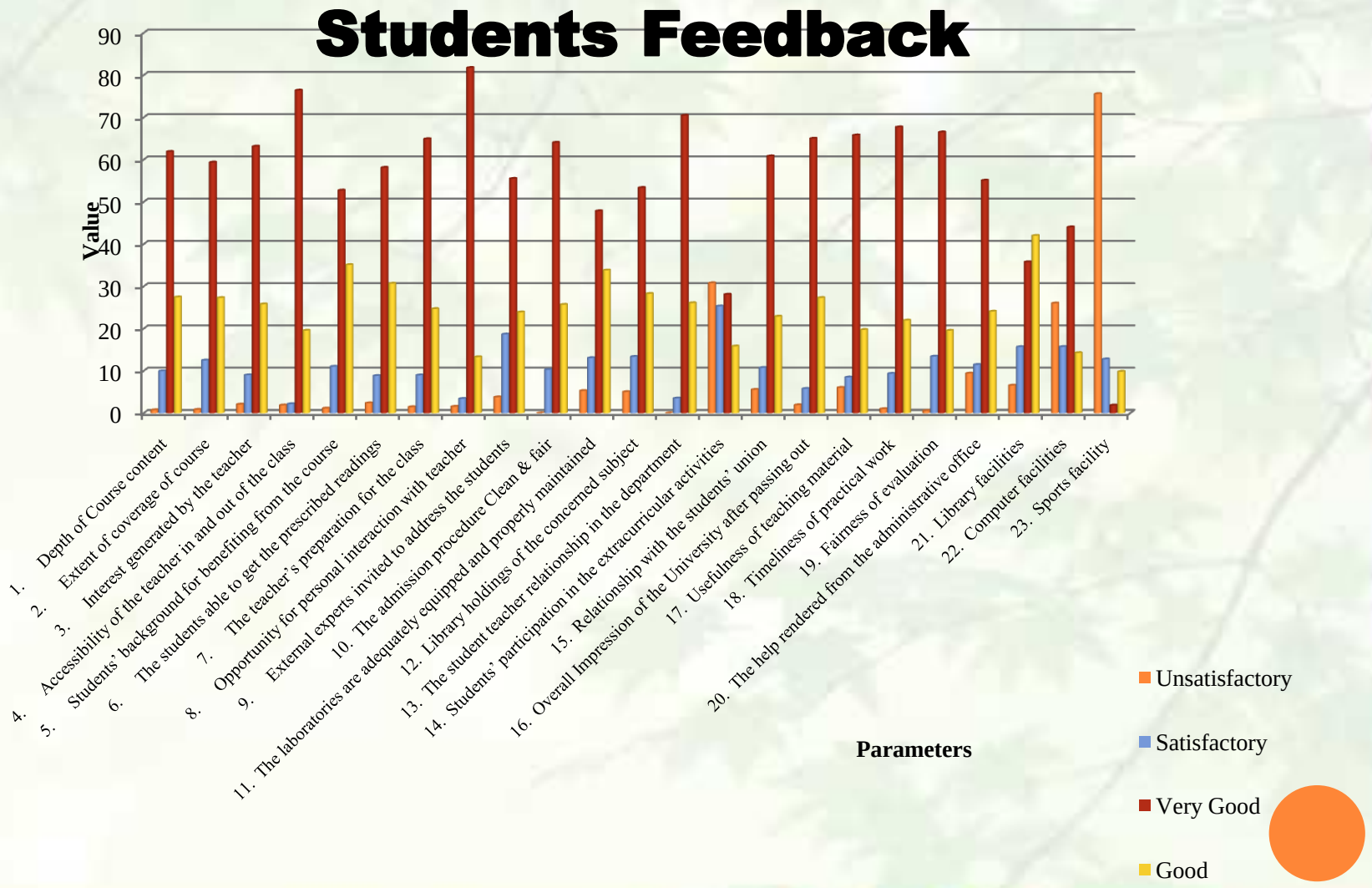


Research Publications of the Faculty



Conferences/Seminars/Workshops attended by the faculty

Feedback from Students



Feedbacks from Students (April, 2014-March, 2015)

Parameters	Very Good	Good	Satisfactory	Unsatisfactory
1. Nature of Course content				
1. Extent of coverage of course				
1. Interest generated by the teacher				
1. Accessibility of the teacher in and out of the class				
1. Where the students able to get the prescribed readings				
1. The teacher's preparation for the class				
1. Opportunity for personal interaction with teacher				
1. External experts invited to address the students				
1. The laboratories are adequately equipped and properly maintained				
1. The student teacher relationship in the department				
1. Overall Impression of the University by the Student				
1. Usefulness of teaching material				
1. Timeliness of practical work				
1. Fairness of evaluation				
1. The help rendered from the administrative office				
1. Library facilities				
1. Computer facilities				
1. Sports facility				

Profile of Admitted Students

Profile of Admitted Student of 2013-14

Research Scholars Registered for Research Degrees (M. Phil and Ph. D)

Department-wise Research Publications of the Faculty

Sl. No.	Name of the Department	Publication		Research Paper		Proceedings			Theses/ Monographs	Academic Articles (Newspaper/Magazines /Periodicals)
		Books	Articles	Journal (International)	Other Journals	Full paper International Conference	Full Paper National Conference			

Average IF and H Index of the Publications of the Faculty

Name of the Faculty Member	AIF of publication	H Index

Conferences/Seminars/Workshops attended by the Faculty

Sl. No.	Name of Department	International	National	Regional/State	Total
1	Adult, continuing Education & Extension	01	03	23	27
2	Bengali	18	19	19	56
3	Commerce	03		11	14
4	Economics	03	03	08	14
5	English	04	18	18	40
6	Folklore	14	13	11	38
7	History	01	03	10	14
8	Library & Information Science	02	21	04	27
9	Modern Language				
10	Philosophy	01	02		03

Conferences/Seminars/Workshops organized by Departments

Sl. No.	Name of Department	International	National	Regional/State	Total
1	Adult, continuing Education & Extension		02	12	14
2	Bengali	01	01		02
3	Commerce		01		01
4	Economics			01	01
5	English		01	01	02
6	Folklore	01		05	06
7	History	01			01
8	Library & Information Science				
9	Modern Language				

New Research Projects Sanctioned

RESEARCH PROJECT (From 01.07.2013 to till date)

Sl No.	Funding Agency	Name of the Supervisor (s)/ Deptt.	Title of the Project	Amount Sanctioned	Tenure
01.	UGC (Major Research Pro.)	Prof. Tarakdas Basu Deptt. of Biochemistry & Biophysics	" Roles of chaperone protein GroEI and outer membrane proteins OmpA/C on the Entry of DNA in the CAC12- mediated transformation process of E. Coli with Extraneous DNA''	13,55,800=00	3Years
02.	UGC (Major Research Pro.)	Prof. C.R. Sahu Deptt. of Zoology	" Electromagnetic radiation exposure to testicular tissues of rats and possible attenuation by Vitamins C and E''	09, 32,800=00	3Years

MoU's signed by Departments/Centres during 2013-14

Department/Centre	MOU Signed with
Department of Computer Science & Engineering	Logitech India P. Ltd. Regarding Research Collaboration, "Security in wireless Communication & devices"
Department of Computer Science & Engineering	Procedia Technology, Science Direct, Regarding publication of Proceedings of CIMTA 2013 in Procedia Technology Journal, www.sciencedirect.com

Awards Received by the Faculty

Department of Physiology

- Prof. Goutam Paul, Invited for presentation of award paper entitled "Inhibition of Duodenal Movement *in vitro* of Rat by Bisphenol A Through Nitric Oxide Mediated Guanylyl Cyclase and α-Adrenergic Pathways" at the International Union of Physiological Sciences (IUPS) Congress 2013 held during 21-26 July, 2013 at Birmingham, UK.
- Dr. Subhashis Sahu, Selected as the speaker for the Sri Ramendra Sundar Sinha Memorial Oration, 2013 by the Physiological Society of India.

Department of Computer Science & Engineering

- Mr. Malay Bhattacharyya, Assistant Professor, has received Indian Science Congress Association (ISCA) Young Scientist Award 2013-14 in Information and Communication Science & Technology (including Computer Science) section
- Dr. Anirban Mukhopadhyay, Associate Professor, has been selected for Institution of Engineers, India (IEI) Young Engineers Award 2013-14 in Computer Engineering Discipline.
- Biography of Prof. Jyotsna Kumar Mandal has been included in Marquis Who's Who in the World 2014 (31st Edition), USA (published in November 2013).
- Dr. Anirban Mukhopadhyay received DAAD scholarship for research stay of 2 months at University of Goettingen, Germany during May-June 2013.

Examinations conducted (U.G.) by the University and the number of candidates appeared/passed

21	Diploma 2nd. Semester in Animation	13
22	Diploma 2nd. Semester in Multimedia	19
Total		27546

Examinations conducted (P.G.) by the University and the number of candidates appeared/passed

Sl No.	Type of Examination	No. of Candidate
1	M A - 4th. Semester - Bengali	389
2	M A - 4th. Semester - Education	50

Achievements of Students/Scholars

Department of Biochemistry & Biophysics

- Dipanjan Guha, Research Scholar of Biochemistry & Biophysics Department was rewarded for best presentation in International Conference organized by SFRR, India.

Smt. Ruchira Chakroborti, Debapriya Dey and Anindita Mitra Research Scholars were awarded DST-INSPIRE fellowships

Department of Computer Science & Engineering

- Ms. Madhumita Sengupta, a URS of the department working under the guidance of Prof. J. K. Mandal received the award of most Active Participant Woman Member of CSI 2012-13.
- Three students of the department won the best three ranks in the programming competition ChoCo 2013 held on April 08, 2013.

Name of E-Journals / Databases

Facilities provided by Central Library

SL No	Full-text Databases of E-journals	URL
1	American Chemical Society	http://pubs.acs.org/
2	American Institute of Physics	http://www.aip.org/
3	American Physical Society	http://www.aps.org/
4	Annual Reviews	http://www.annualreviews.org/
5	Cambridge University Press	http://journals.cambridge.org/
6	Economic & Political Weekly (EPW)	http://www.epw.in/

Internal Quality Assurance Cell (IQAC) University of Kalyani

Objectives:

- **To build and ensure a quality culture, appropriate structure and processes with enough flexibility to meet the diverse needs of the stakeholders at the University.**
- **Meant for planning, guiding and monitoring Quality Assurance (QA) and Quality Enhancement (QE) activities of the University.**
- **To channelize and systematize the efforts and measures of the University towards academic excellence.**

Activities of IQAC 2013-14

Plans for 2014-15

Promoting Sports at Campus through Directorate of Physical Education and Sports

Sl. No.	Sports Discipline	Inter College		Inter University		Inter Staffs		Total
		Men	Women	Men	Women	Men	Women	
1	Athletics	280	198	04	01	-	-	483
2	Cross Country	-	-	03	01	-	-	04

Implementing National Service Schemes through NSS Unit

No. of NSS Units			Total No. of NSS Programme Officers	Total No. of NSS Volunteers	
Total No. of Units in University	Total No. of Units in Degree Colleges	No. of Units in Hr. Secondary's		Male	Female
02	28	00	30	1951	1049

Health Services at the Campus

Doctor	Patients Examined
Dr. Shanti Ranjan Mondal	6780
Dr. Shibnath Roy	2215
Dr. Ishan Ghosh	109
Total	9104

X-ray Film Size	Numbers
8” x 10”	41
10” x 12”	37
12” x 15”	11
Total	89

Sl No		Pathological Investigations	Numbers	`
1	Hematology	Hb%	52	15
2		Hb%, TC,DC,ESR	106	50
		Each of the above		15
3		B.T. & C.T.	-	20
4		M.P.	17	20
5		Blood Group	65	25
6		Platelet Count	05	20
7		Abnormal Cell	-	30
8	Serology	Widal Test	16	50
9		HBsAg	-	80

Student intake capacity:

Student Accommodation Facilities

Name of the Hostel	Total Number of Rooms	Total Intake Capacity	Per Room Occupation
Dwijendralal Bhawan (PG-I)	64	85	2 Bed/Room 1 Bed/Room
Vivekananda Bhawan (PG-II)	64	85	2 Bed/Room 1 Bed/Room
Meghnad Saha Bhawan (PG-III)	64	85	2 Bed/Room 1 Bed/Room
Jagadish Ch. Bhawan (Banyan)	120	140	2 Bed/Room 1 Bed/Room
Radhakrishnan Bhawan (BT Mens')	34	100	3 Bed/Room
Satyendra Nath Bhawan (RS Mens')	60	65	1 Bed/Room
Matangini Bhawan (LH-I)	64	134	2 Bed/Room 3 Bed/Room
Nivedita Bhawan (LH-II)	72	152	2Bed/Room 4Bed/Room

. Students' Welfare Activities by the Department of Students Welfare:-

Name of the Hostel	Blood Donation Camp	Hall Day & Annual Reunion	Swarswati Puja	Misc.
Dwijendralal Bhawan (PG-I)	Organized every year	Observed every year	Yes	Organized MAT test every year
Vivekananda Bhawan (PG-II)	No	Observed every year	Yes	
Meghnad Saha Bhawan (PG-III)	No	Observed every year	Yes	

Performance of our students in various festivals/programmes:

Year	Events	Award
Inter University East Zone Youth Festival 2012-13	*Event*	*Position*
	1. Classical Vocal Solo	*1st*
	2. Classical Dance	*1st*
	3. One Act Play	*2nd*
	4. Installation	*2nd*
	5. Poster Making	*3rd*
	6. Instrumental (Percussion)	*3rd*

Collaborations in Research

•Department of Physics has collaborative research programmes with Indian Institute of Engineering Science and Technology, Shibpur, West Bengal (formerly, BESU). Active collaboration already exist with
•Indian Statistical Institute, Kolkata
•Saha Institute of Nuclear Physics, Kolkata
•Indian Association for the Cultivation of Science, Kolkata
•Technical University, Chemnitz, Germany
•Uppsala University, Sweden
•University of Freiburg, Germany
•Warwick University, UK

Innovations in Teaching

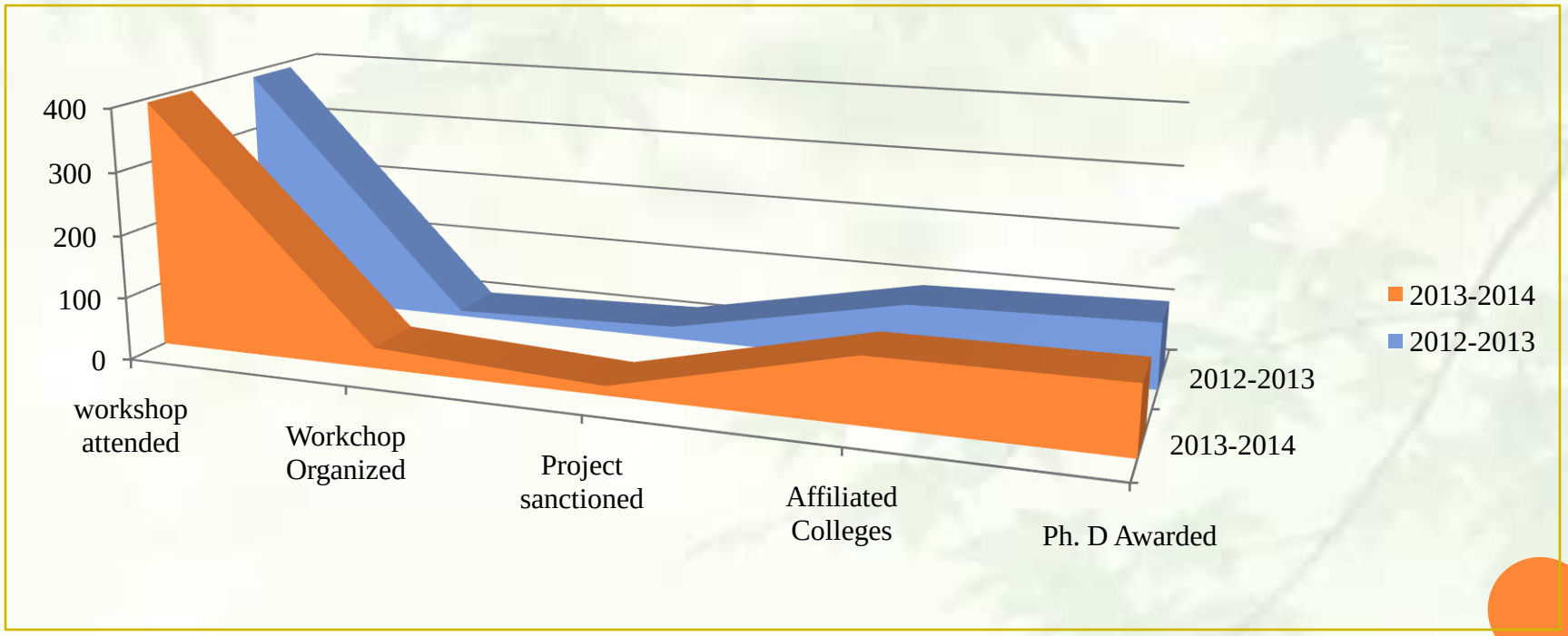
•The Department of Folklore propagates the study of folkloristic through comparative and cross-cultural methodology with text and contextual understanding and consequently exploring the idea of unity in diversity in Indian situation as well as promoting deep understanding at global level.
•Prof. J. K. Mandal performing experiments on a new teaching methodology where a part of the subject is assigned to the students as project assignment after introductory knowledge imparted to them. Students prepared materials and Power Point presentation on the topic given to them then they present he same under his supervision as assignment which is evaluated as assignment. All study materials of Prof. J. K. Mandal are kept in his website as open source as pdf or power point documents. Students can access these documents openly.

Good Practices

- Annual Reunion programme, Freshers' Welcome, Farewell programme for the passed out students, Organizing cultural activities in different occasions Celebration of Teachers' day etc. are some of the good practices of most of the departments.
- Financial aids are provided to the single girl child, SC, ST and minority students.
- Teachers of Department of Zoology are engaged in guidance and counseling of PG and Ph. D students. Department and its premise is fully non-smoking zone. In each floor of the department building there are waste-bins. Arrangement has been made to keep the department clean and adequate safety measures are taken for fire and other incidents. Fire exiting wishers have also been installed in the department. A beautiful flower garden is also being maintained by the department
- Development professionalism among students and good teacher student relationship.
- Regular monitoring of the progress and performance of the students.

Retrospections

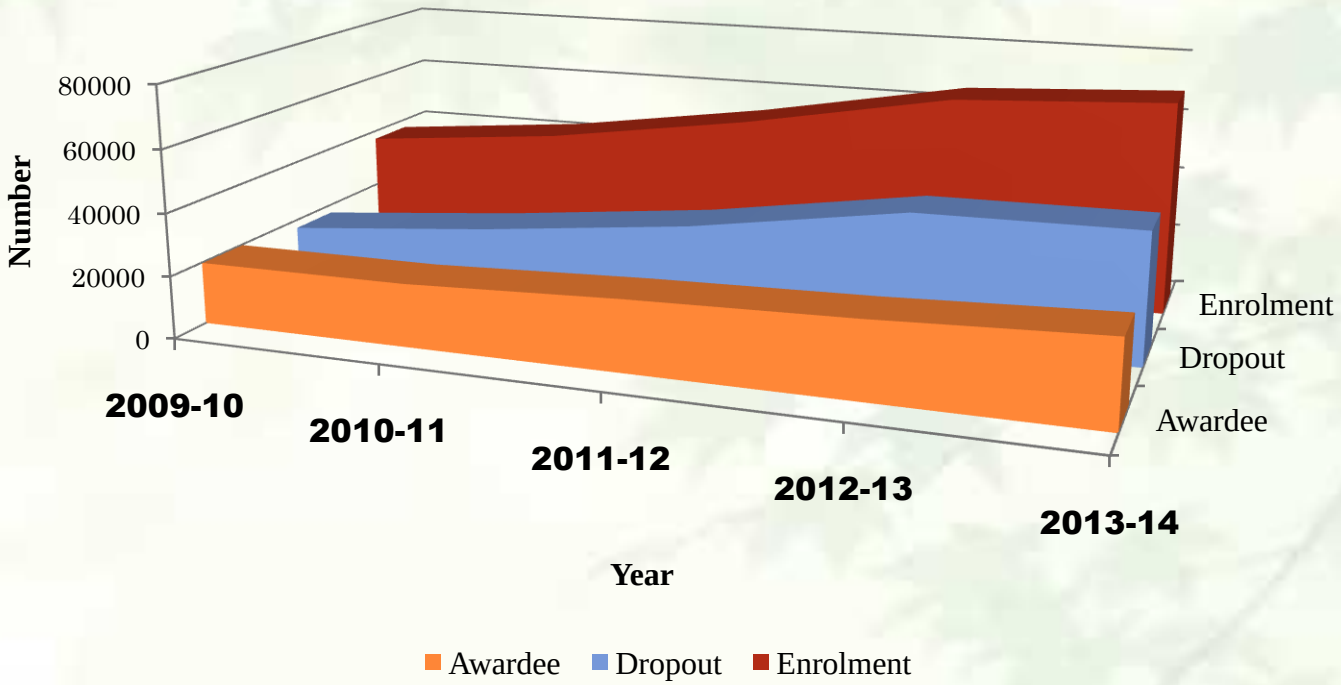
The University has a regular plan of action and we are going ahead with this. Let us retrospect some of the characteristics attributes are clearly seen from the following table. From the table it is clear that we are ahead in terms of attending conferences presenting papers organizing Seminars and Conferences, increasing the infrastructure in terms of integrating more undergraduate colleges, more Ph. D awards but we are receding in terms of new projects which we have to be careful about. The graphical representation clearly shows our achievements and concerns.



Passed and dropout students in Undergraduates

Year	2009-10	2010-11	2011-12	2012-13	2013-14
Enrolment	37102	43309	53316	65776	69318
Degree/ Awarded	19887	20158	22754	24471	27275
Dropout	46%	53.45%	57.32%	62%	60.65%

Passed and dropout students in Undergraduates

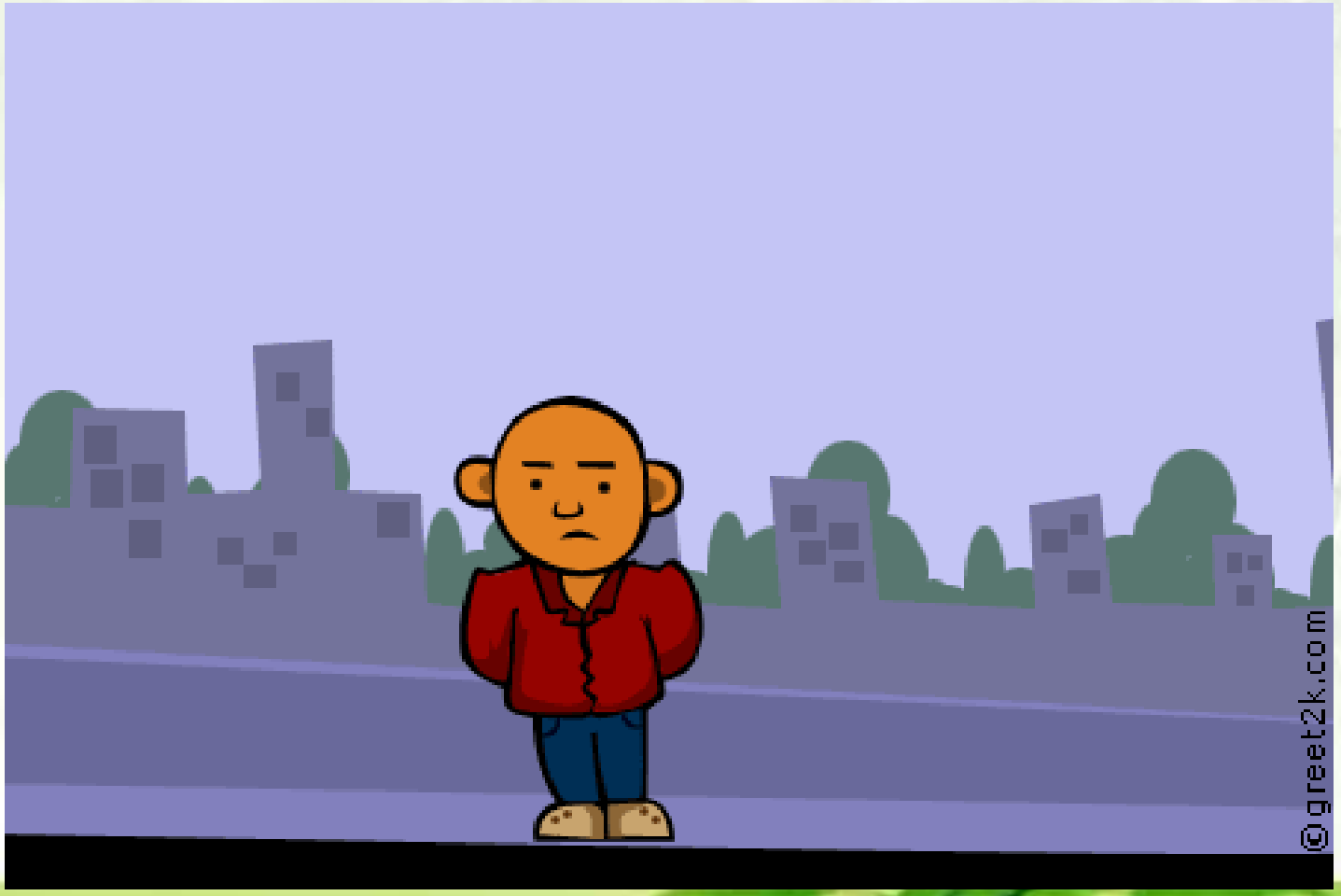


Plan for the next Year

- Department of Zoology is planning to renovate the existing laboratories with marble-top tables, tiled floors and hanging light facilities. The department has one class room with proper floor mats and Air-conditioner and sound system. Next year, department is going to develop a second class room with such facilities.
- Department of Microbiology is planning for up gradation of syllabus as per Course-Credit system and improvement of Laboratory infrastructure
- Department of Bengali has planned for a departmental journal (with ISSN) and Students skill development programme
- Department of Commerce has planned for Publication of Departmental Journal (Business Perspectives) and a two-days International Level Seminar
- The department of Computer Science & Engineering is planning to open a B.Tech. course in Computer Science and Engineering as decided in the Executive Council. In this regard we have already applied for permission from AICTE and the higher education department, Govt. of West Bengal. Introduction of this course will enrich the department and increase the total strength thus giving better opportunities for attracting IT companies for direct campus recruitments. New PCs and other laboratory equipments are to be purchased for giving better facilities to the students, scholars and the faculty members. The department will conduct a workshop for the non-teaching staffs of the university to teach them MS Office. The syllabus for the existing MCA and M. Tech. courses will be revised.

http://jkmandal.com

Positive Thinking



Thank You