The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution

> INDIAN ACADEMY DEGREE COLLEGE AUTONOMOUS

1.2 Address Line 1

> HENNUR CROSS, HENNUR MAIN ROAD

Address Line 2

> KALYAN NAGAR

City/Town

> BANGALORE

State

> KARNATAKA

Pin Code

> 560043

Institution e-mail address

> principal_iadc@indianacademy.edu.in

Contact Nos.

> 08067458904, 915

Name of the Head of the Institution:

> Dr. E. Jerome Xavier

Tel. No. with STD Code:

> 08067458904

Mobile:

> 9448252019

Name of the IQAC Co-ordinator:

> Ms. Sangeetha Annie George

Mobile:

> 9886033478

IQAC e-mail address:

> iqac@indianacademy.edu.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*

> KACOGN13919

1.4 **NAAC Executive Committee No. & Date:**
(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

> EC/49/A&A/75 dated June 15, 2009

1.5 Website address:

> www.indianacademy.edu.in

Web-link of the AQAR:

> www.indianacademy.edu.in/AQAR2016-17.doc

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.09	2009	5 years
2	2nd Cycle	A	3.27	2016	5 years
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   DD/MM/YYYY

> 9/9/2009

1.8 AQAR for the year *(for example 2010-11)*

2016-17

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

   i.   AQAR   22/8/10
   ii.   AQAR   17/9/11
  iii.   AQAR   9/10/12
  iv.   AQAR   28/9/13
   v.   AQAR   29/9/14
  vi.   AQAR   30/10/15
 vii.   AQAR   31/10/16

1.10 Institutional Status

University   State ☐   Central ☐   Deemed ☐   Private ✓

Affiliated College   Yes ✓   No ✓

Constituent College   Yes ☐   No ☐

Autonomous college of UGC   Yes ✓ No ☐

Regulatory Agency approved Institution   Yes ☐   No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ✓   Men ☐   Women ☐

                 Urban ☐   Rural ☐ Tribal ☐

Financial Status   Grant-in-aid ☐   UGC 2(f) ✓ UGC 12B ✓

               Grant-in-aid + Self Financing ☐   Totally Self-financing ✓

1.11 Type of Faculty/Programme

Arts ✓   Science ✓ Commerce ✓ Law ☐   PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐   Health Science ☐   Management ☐

Others   (Specify)   .

1.12 Name of the Affiliating University *(for the Colleges)*

BANGALORE UNIVERSITY

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   UGC

University with Potential for Excellence [　]   UGC-CPE [　]

DST Star Scheme [　]   UGC-CE [　]

UGC-Special Assistance Programme [　]   DST-FIST [　]

UGC-Innovative PG programmes [　]   Any other *(Specify)* [　]

UGC-COP Programmes [　]

2. IQAC Composition and Activities

2.1 No. of Teachers   8

2.2 No. of Administrative/Technical staff   1

2.3 No. of students   2

2.4 No. of Management representatives   1

2.5 No. of Alumni   2

2. 6 No. of any other stakeholder and

　　 Community representatives   1

2.7 No. of Employers/ Industrialists   1

2.8   No. of other External Experts   2

2.9 Total No. of members   18

2.10 No. of IQAC meetings held | 6 |

2.11 No. of meetings with various stakeholders: No. | 12 | Faculty | 6 |

Non-Teaching Staff | 2 | Students | 2 | Alumni | 1 | Others | 1 |

2.12 Has IQAC received any funding from UGC during the year?   Yes [ ]   No [ ]

If yes, mention the amount [   ]

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. | 13 | International | - | National | 1 | State | 1 | Institution Level | 11 |

(ii) Themes

1. National Conference on Innovations and Research in Cloud Computing
2. State level Seminar on 'Panoramic progression of Digital Commerce & Management- Strategy for Sustenance'
3. Science Academies workshop sponsored by National Science Academies titled "New Horizons in Chemical and Bio-chemical sciences
4. Other Workshops
   - Basics of Next generation sequencing and its applications
   - Instrumentation
   - Research Methodology and Dissertation
   - Spectroscopic methods of analysis and characterization of natural products.
   - Analysis of water
   - Approaches to projects in literature, Testing and Evaluation methods
   - New Generation Entrepreneurship, Aptitude Skills, preparation of Project Report.
   - Protein chromatography
   - Determination of interaction between proteins and ligands by Autodoc
   - Spectroscopy

2.14 Significant Activities and contributions made by IQAC

1. Implementation of IQAC recommendations
   - To strengthen and conduct more Value Added Programmes under the banner of IACPE
   - Conferment of Autonomous Status
   - Research Guide ship by Parent University

2. Collaborative Programmes with other departments

Department	Theme of National Seminars/Conferences	Date
Computer Science	National Conference on Innovations and Research in Cloud Computing	**28th April 2017**
Business Administration & Commerce (UG & PG)	State level Seminar on 'Panoramic progression of Digital Commerce & Management- Strategy for Sustenance'	**27th April 2017**
Chemistry	Science Academies workshop sponsored by National Science Academies titled "New Horizons in Chemical and Bio-chemical sciences"	**22nd & 23rd September 2016**

Workshops
- Basics of Next generation sequencing and its applications
- Instrumentation
- Research Methodology and Dissertation
- Spectroscopic methods of analysis and characterization of natural products.
- Analysis of water
- Approaches to projects in literature, Testing and Evaluation methods
- New Generation Entrepreneurship, Aptitude Skills, preparation of Project Report.
- Protein chromatography
- Determination of interaction between proteins and ligands by Autodoc

3. Encourage departments to organizes programmes like Seminars, workshops, training programmes, guest lectures, extension activities and monitoring the same
4. Obtaining stake-holder feedback : Student, Faculty, Alumni, Parent, Employer feedback
5. Procurement of departmental AQAR which forms the basis for AQAR submission to NAAC
6. Conducting Academic Audit based on Departmental AQAR
7. Orientation Programme for all the students
8. Induction Programme for the newly appointed teaching staff
9. Result Analysis meetings with the departments to identify the shortcomings and remedial measures to improve the students' performance
10. Guidance and support towards the organization of PTA meet and Alumni meet

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Having identified the benefits of Orientation programme, it was decided that a 3 hour programme with presentations from Principal, IQAC coordinator, HR and Heads of the departments must be organized.	**FIP** was organized on 15.6.16
FDP- Srujana has to be organized in the last week of June. Various topics were suggested by the IQAC members.	**Srujana** was held on 23.6.16 and 24.6.16
Members emphasized on the need for a training programme to be organized for all the student council members that can build their leadership skills.	'**Step-Up**'- a leadership training programme was organized on 19.9.16 in collaboration with IACPE and SWO
The committee has planned to conduct a programme that can promote research culture among faculty members and have suggested various topics.	A Lecture on '**Importance of Research in Teaching-Learning process**' was organized on 13.8.16
The committee has decided to take students' feedback on faculty. I year UG and PG students' feedback to be taken. I year PG students' feedback to be taken later.	**Feedbacks** of II and III year UG students and II year PG students were taken between 20.9.16 and 24.9.16 through Knowledge-pro. I year UG & PG students' feedback was taken between 19.12.16 and 24.12.16.
Programmes for Teaching and Non teaching staff need to be organized.	- FDP on "**GST**" was organized for the teaching staff members on 28.1. 2017 - A lecture on "**Self Motivation**" was organized for all the lab assistants on

	25 .1. 2017
	• A programme was organized for the administrative staff on "**Self Enrichment for effective team work**" on 4.3.2017
To organize seminars, workshops, FDPs and community extension activities in departments	HODs meeting held with IQAC and the requirements were communicated, which resulted in accommodating the quality initiatives in the departmental calendar and subsequent implementation
The committee has decided to take UG and PG students' feedback on faculty. .	**Feedbacks** of UG and PG students were taken between 20.09.17 and 28.09.2017 for the odd semester and 22.4.17 to 26.4 .17 for the even semester through Knowledge-pro. Data is compiled upon analysis.
Planned to send a proposal to NAAC for organizing National Seminar.	Sent the **proposal to NAAC** on 16.6.2017 to organize a National seminar in the month of December.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body   Yes ✓   No ☐

Management ✓   Syndicate ☐   Any other body ☐

Provide the details of the action taken

AQAR is placed in Governing Council meeting and is approved

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	4		4	
PG	14		14	
UG	17		17	
PG Diploma	8		8	

Advanced Diploma				
Diploma				
Certificate	16		16	16
Others				
Total	59		59	16

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
    (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	22
Trimester	0
Annual	8

1.3 Feedback from stakeholders*   Alumni [✓]   Parents [✓]   Employers [✓] Students [✓]
    (On all aspects)

    Mode of feedback   :   Online [✓] Manual [ ]   Co-operating schools (for PEI) [ ]

Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

> Upon conferment of Autonomous Status, syllabus was updated with 20% of changes across all the courses which was discussed in the BOS meeting and later ratified and approved in the Academic council meeting.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

> No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
104	72	16	15	

2.2 No. of permanent faculty with Ph.D.   22

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
18	22								

2.4 No. of Guest and Visiting faculty and Temporary faculty | 07 | | |

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	17	28	22
Presented papers	22	44	3
Resource Persons	2	1	4

2.6 Innovative processes adopted by the institution in Teaching and Learning:

> ➢ Academic orientation for the students in making academic friendly campus.
> ➢ ICT-based Teaching-Learning methods followed for regular classes.
> ➢ To inculcate academic rigorousness, students are trained and guided to write research articles and present/publish the same in research forums of national/international repute.
> ➢ Offer add-on and certificate courses, and motivate students to take up Online Certificate Courses like UN Certificate Courses.
> ➢ Clubs of respective departments furnish platform for students and train them in converting their ideas into reality and contributing to the society.
> ➢ Students are introduced to the democratic set of academic ambience, by taking feedback of students on Lecturers, Curriculum and College. The feedback is analysed and appropriate corrective action is taken in establishing student centric campus.
> ➢ In order to incorporate Bloom's taxonomy in teaching and learning, regular assignments, team work activities- group discussion, field visit, project work, study tour, industrial visit, case study, model making, research based practical training, PPT classes, movies, documentary videos, multimedia learning processes etc. are practiced.
> ➢ In bringing the best out of the students and thereby creating teaching-learning ambience, IQAC equally recognizes the feedback of students, faculties, parents, alumni, academicians, industrial and departmental experts.
> ➢ Internship is highly promoted to get practical knowledge, facilitate in getting absorbed into jobs and well-placed alumni are invited to share their experience.
> ➢ Teaching and Learning exercises are designed to actively involve the students in curricular activities.
> ➢ Bridge courses are conducted for the beginners and special focus is given to remedial coaching held for slow learners.

- ➢ Board of Studies meeting is encouraged with the task to revise syllabus to keep updated and to be adaptive to the changing circumstances.
- ➢ Changes brought in the scheme of Internal Assessment marks have developed competitiveness resulting from comprehensive approach.
- ➢ Students are trained and prepared to face competitive exams; faculty members are encouraged to update themselves through faculty development programmes.
- ➢ UGC-Infonet online e-resources are popularized among faculty and students
- ➢ Regular monitoring of the student performance by the class advisor and appraisal of students' performance to parents during parents-teacher interaction is done in each semester.
- ➢ Social outreach programmes facilitate students in communicating with the society.

2.7 Total No. of actual teaching days
      during this academic year

$$\boxed{204}$$

2.8 Examination/ Evaluation Reforms initiated by
      the Institution (for example: Open Book Examination, Bar Coding,
      Double Valuation, Photocopy, Online Multiple Choice Questions)

- • Question Paper setting by External Persons.
- • Scrutiny of Question Papers by External Persons to minimize errors in the Examination.
- • Introduced Barcode instead of Register numbers.
- • Coding and Decoding of Answer Scripts.
- • Double Valuation has been introduced.
- • Photocopy of answer scripts is provided to students if needed.
- • Revaluation mechanisms are in place for transparent valuation.
- • Multiple choice question papers are given in some subjects.
- • Online Results are announced within Three Weeks after the completion of Examination.
- • 12 Security features are incorporated within the marks card.
- • Examination Reforms and Grievance Redressal Committees meet regularly.

2.9   No. of faculty members involved in curriculum
      Restructuring /revision/syllabus development
      as member of Board of Study/Faculty/Curriculum Development workshop

102

2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A						
I SEM - J,PSY,OE	08	13%	25%	25%	NIL	63%
I SEM – J,PS,OE	19	21%	11%	5%	NIL	37%
I SEM – J,HIS,TOURSIM	07	NIL	43%	14%	NIL	57%
II SEM - J,PSY,OE	08	50%	13%	NIL	NIL	63%
II SEM – J,PS,OE	19	26%	16%	5%	NIL	47%
II SEM – J,HIS,TOURSIM	08	25%	25%	25%	NIL	75%
III SEM - J,PSY,OE		NP				
III SEM – J,PS,OE		NP				
III SEM – J,HIS,TOURSIM		NP				
IV SEM - J,PSY,OE		NP				
IV SEM – J,PS,OE		NP				
IV SEM – J,HIS,TOURSIM		NP				
VSEM - J,PSY,OE	05	40%	NIL	NIL	NIL	40%
V SEM – J,PS,OE	07	43%	29%	NIL	NIL	72%
V SEM – J,HIS,TOURSIM	05	80%	20%	NIL	NIL	100%
VI SEM - J,PSY,OE	04	50%	NIL	NIL	NIL	50%
VI SEM – J,PS,OE	06	67%	17%	NIL	NIL	84%
VI SEM – J,HIS,TOURSIM	06	83%	NIL	NIL	NIL	83%
B.Com						
I SEM	226	18%	25%	21%	-	64%
II SEM	239	31%	33%	09%	-	73%
III SEM	305	13%	13%	01%	01%	28%
IV SEM	293	29%	30%	02%	-	61%
V SEM	263	51%	18%	01%	-	70%
VI SEM	269	40%	23%	03%	01%	67%
B.B.A						
I SEM	67	7.46%	17.91%	11.94%	04.47%	42%
II SEM	65	38.84%	26.15%	03.07%	Nil	63%
III SEM	49	41%	23%	1%	Nil	65%
IV SEM	61	62%	11.47%			74%
V SEM	57	21%	28%	14%	Nil	63%
VI SEM	48	60%	31%	6%	Nil	98%
B.C.A						
I SEM	53	25%	38%	3%	-	66%
II SEM	60	28%	22%	2%	-	52%
III SEM	76	52%	7%	-	-	59%
IV SEM	66	55%	24%	1%	-	80%
V SEM	45	29%	24%	-	-	53%

VI SEM	35	55%	38%	-	-	93%
B.Sc.						
I SEM - EMCs	10	-	50%	10%	-	60%
I SEM - PMCs	11	36.3%	18.18%	-	-	54.54%
I SEM - CZBT/MB	18	33.3%	38.8%	-	-	72.1%
I SEM - GBCBT/MB	32	46.87%	9.37%	-	-	56.25%
II SEM - EMCs	09	22.2%	66.6%	-	-	88.8%
II SEM - PMCs	08	75%	12.5%	12.5%		100%
II SEM CZBt/Mb	18	27.7%	16.6%	-	-	44.4%
II SEM GBcBt/Mb	32	50%	9.37%	-	-	59.37%
III SEM - EMCs	09		55.5%			55.5%
III SEM GBcBt/Mb	21	71.45%	4.76%	-	-	76.19%
IV SEM - EMCs	09	11.1%	55.5%			66.6%
IV SEM GBcBt/Mb	21	80.9%	4.76%	-	-	85.7%
V SEM - EMCs	11	9.1%	45.5%	-	-	55%
V SEM CZBt	7	100%	100%	-	-	100%
V SEM GBcBt/Mb	27	70.37%	7.40%	-	-	77.7%
VI SEM - EMCs	12	8.3%	25%	8.3%	-	41.6%
VI sem CZBt	7	100%	100%	-	-	100%
VI Sem GBcBt/Mb	23	69.56%	17.39%	-	-	86.95%
M.Com						
I SEM	35	34%	43%	08%	NIL	85.71%
II SEM	43	56%	42%	02%	NIL	100%
III SEM		RESULT AWAITED				
IV SEM		RESULT AWAITED				
M.F.A						
I SEM	35	46%	40%	11%	NIL	97.14%
II SEM	32	44%	56%	NIL	NIL	100%
III SEM		RESULT AWAITED				
IV SEM		RESULT AWAITED				
M.Sc. Chemistry						
I SEM	34	NIL	32.4%	26.4%	23.4%	82.23%
II SEM	34	NIL	26.4%	29.4%	23.5%	79.4%
III SEM	36	NIL	19.4%	33.3%	11.1%	63.8%
IV SEM	RESULT AWAITED					
M.Sc. Bio-Chemistry						
I SEM	12	8.33%	41.66%	8.33%	NIL	58.32%
II SEM	11	45.45%	09.09%	NIL	NIL	54.54%
III SEM	10	40%	20%	NIL	NIL	60%
IV SEM	10	40%	10%	NIL	NIL	50%

M.Sc. Microbiology						
I SEM	23	26.08%	60.86%	-	-	86.95%
II SEM	24	16.66%	66.66%	-	-	83.33%
III SEM	07	57.14%	42.86%	-	-	100%
IV SEM	07	42.8%	57.12%	-	-	100%
M.Sc. Bio-Technology						
I SEM	18	44%	33%	06%	-	83.33%
II SEM	21	48%	29%	10%	-	87%
III SEM	13	69%	31%	-	-	100%
IV SEM	13	23%	77%	-	-	100%
M.Sc. Mathematics						
I SEM						
II SEM			NO BATCH			
III SEM	-	-	-	-	-	-
IV SEM	08	50%	50%	NIL	NIL	100%
M.Sc. Computer Science						
I SEM	28	93%	3%	-	-	96%
II SEM	29	90%	10%	NIL	NIL	100%
III SEM	20	90%	10%	NIL	NIL	100%
IV SEM	20	73%	26%	NIL	NIL	99%
M.Sc. Physics						
I SEM	18	33.33%	44.44%	5.55%	-	83.32%-
II SEM	18	61.11%	16.66%	-	-	77.77%-
III SEM	15	13.33%	26.66%	-	-	39.99%
IV SEM	15	33.33%	33.33%	-	-	66.66%
M.A. Economics						
I SEM	11	27.27%	27.27%	27.27%		82
II SEM	11	54.54%	36.36%			91
III SEM	7	71.4%	28.6%			100
IV SEM	9	77.8%	22.2%			100
MTTM						
I SEM	15	20%	40%	6.66%	Nil	66.67%
III SEM	10	30%	30%	Nil	Nil	60.00%
V SEM	07	57.14%	42.85%	Nil	Nil	100.00%
VII SEM	09	Nil	11.11%	44.44%	Nil	55.55%
IX SEM	07	28.57%	71.42%	Nil	Nil	100.00%
II SEM	14	42.85%	28.57%	7.14%	Nil	78.57%
M.A. English						
III SEM	06	NIL	100%	NIL	NIL	100%
IV SEM	06	NIL	100%	NIL	NIL	100%

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes

- ✓ The IQAC in association with Academic Council prepares the Academic plan.
- ✓ In the beginning of the year it calls the faculty wise meetings for the planning of the year's programme.
- ✓ It invites separate meetings of Deans and various other committees in the College regularly.
- ✓ It prepares the Time-Table for offering the Curriculum, the Action Planning and Implementation is done for the Academic Year through Curriculum Action Planning and Implementation Committee (CAPIC).
- ✓ Subject teachers formulate course file (teaching plan, methodology, teaching material, assessment plan, action plan for slow learners and fast learners, result analysis, & review by self & others).
- ✓ It prepares the schedule for the co-curricular & extra-curricular activities.
- ✓ In ensuring effective enforcement of work plan as a routine activity, work diary will be scrutinized and see that the issues obstructing in smooth flow of activities is addressed.
- ✓ It prepares the schedule for tests, examinations etc. emphasising continual evaluation involving the examination committee.
- ✓ It monitors the activities so as to ensure full compliance with the planned activities for a specified period by internal and external academic auditing.
- ✓ It sets the standards & procedure for evaluation and initiates the reforms in the area.
- ✓ It organizes staff training for all and Staff Orientation Programmes for the beginners in the beginning of each Semester.
- ✓ It also deputes the staff to attend refresher/ short term courses organized by the Academic Staff Colleges under UGC.
- ✓ It keeps track with the research activities of the staff members. It encourages them to apply for Major, minor research programmes, present papers in national seminars and publish their research articles in reputed journals.
- ✓ Besides, it takes feedback from the parents, students and the staffs of the college on academic as well as administrative matters, analysed and valid suggestions are implemented.
- ✓ At the end of the academic year it conducts the review meetings of all the departments, the suggestions of these meetings are placed before the Staff Council for further action.
- ✓ It interacts with the management with objective specific meetings to enhance & sustain quality education.
- ✓ In bringing transparency in administration and academics, activities are digitalized through Knowledge Pro.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	2
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	104
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	27	3		3
Technical Staff	5	3		3

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- ➢ National Conference on Innovations and Research in Cloud Computing
- ➢ State level Seminar on Panoramic Progression of DIGITAL COMMERCE
- ➢ External resource persons from industries and research institutes are invited by the departments to sensitize teachers and students for research activities.
- ➢ Overall three faculty members, two from Microbiology and one from PG commerce department successfully completed their Ph.D program.
- ➢ Faculty members are oriented frequently to apply for research grants to different funding agencies like VGST, KSCST UGC etc.
- ➢ Students are given special coaching for UGC-CSIR NET exam.
- ➢ Students are taken to various research institutes like IISc, Bangalore , CMFRI, Mangalore, Central Coffee Research, Chikkamagaluru, ATI, Mumbai, GKVK, Bangalore and Raman Research Institute to motivate them towards research activities.
- ➢ Encouraging research publication through award of incentives & recognition.
- ➢ Facilitating participation and paper presentation by faculty members in international and national conferences/seminars
- ➢ Field projects, case studies, report writing and presentations are assigned for the students to promote research skills amongst them.
- ➢ Faculty members are motivated to take up various competitive examinations like UGC-NET/JRF examinations.
- ➢ Teaching staff is provided with conducive atmosphere to carry out their major and minor research projects and also apply for various grants time to time.
- ➢ Initiative to have staff colloquia and continue with the colloquium related to Language and Literature.
- ➢ Encourages members to enrol for higher studies to enhance and strengthen their knowledge domain.
- ➢ In-house Workshops organized by different departments :
- ➢ Spectroscopic methods of analysis and characterization of natural products, Workshop on analysis of water.
- ➢ Workshop on Research Methodology and Dissertation, Panoramic Progression in Digital Commerce & Management
- ➢ Approaches to projects in literature, Testing and Evaluation methods
- ➢ Workshop on New Generation Entrepreneurship, Aptitude Skills, preparation of Project Report.
- ➢ Instrumentation workshop

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number				
Outlay in Rs. Lakhs				

3.4   Details on research publications

	International	National	Others
Peer Review Journals	26	8	
Non-Peer Review Journals	10	11	1
e-Journals	1	3	
Conference proceedings	6	2	

3.5 Details on Impact factor of publications:

Range [0.5-2.1] Average [1.6] h-index [ ] Nos. in SCOPUS [17]

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*	1 year	KSCST	10,500/-	10,500/-
Any other(Specify)	1 year	Science Academies Lecture Workshop	1,18,000/-	1,28,242/-
		Inspire		9,75,000/-
Total				

3.7 No. of books published   i) With ISBN No.   [2]   Chapters in Edited Books   [1]

ii) Without ISBN No.   [ ]

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST [ ]

DPE [ ]   DBT Scheme/funds [ ]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy [ ]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		1	1		1
Sponsoring agencies		IAET	IAET		National Science Academies

3.12 No. of faculty served as experts, chairpersons or resource persons [ALL]

3.13 No. of collaborations   International [ ]   National [02]   Any other [ ]

3.14 No. of linkages created during this year [ ]

3.15 Total budget for research for current year in lakhs :

From Funding agency [ ]   From Management of University/College [8 lakhs]

Total [ ]

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions   received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College

3.18 No. of faculty from the Institution
who are Ph. D. Guides [03]

and students registered under them [ ]

3.19 No. of Ph.D. awarded by faculty from the Institution [ ]

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF [ ]   SRF [ ]   Project Fellows [ ]   Any other [ ]

3.21 No. of students Participated in NSS events:

University level [03]   State level [ ]

National level [ ]   International level [ ]

3.22 No. of students participated in NCC events:

University level [ ]   State level [2]

National level [04]   International level [ ]

3.23 No. of Awards won in NSS: University level [ ]   State level [ ]

National level [ ]   International level [ ]

3.24 No. of Awards won in NCC:

University level [ ]   State level [ ]

National level [ ]   International level [ ]

3.25 No. of Extension activities organized

University forum [ ]   College forum [10]

NCC [ ]   NSS [06]   Any other [ ]

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Organized an awareness programme on "World Hand Washing Day" and "World Aids Day".

- Visit to Shalom Grace orphanage and distribution of useful items from basic needs to utensils.

- Training kids in crafts and Hygiene at local orphanage by BSc students.

- One week Computer Literacy program for Hennur Model Higher Primary School.

- Donation of groceries to 'Refugee foundation' in Hennur bande and 'Sharon ministry of tribals' in Doddaguppi

- Visit to old age homes and orphanages and distribution of books, clothes and eatables.
  - Regular visits to Govt. School and conduction of English classes time to time.
  - Visit to APD centre.
  - Extension activity on "Personal Hygiene" to the Government School children at Hennur Cross.

- Conduct of an awareness campaign on "Plastic free zone".
- Distribution of one-day meal to the poor and needy in the streets of Hennur, Kammanahalli

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	-	-	-	-
Class rooms	55	02		57
Laboratories	20	-	-	20
Seminar Halls	02	-	-	02
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		03	Fees collected, SOD, Term Loan	03
Value of the equipment purchased during the year (Rs. in Lakhs)	44.94	10.56	Fees collected, SOD, Term Loan	55.50
Others			Inspire	

4.2 Computerization of administration and library

Administration
- ➢ E-Governance through Knowledge pro software systems in the process of Admission, Accounts, Examination, Evaluation, Fee Collection, Student and Faculty details
- ➢ Wi-Fi Enabled Campus
- ➢ ICT enabled classrooms

Library & Information Centre:
1. In/Out Register Software
2. Availability of OPAC
3. DELNET, INFLIBNET, EASYLIB software are accessible to staff and students within the Campus.
4. Bar-Coded Library IDs available
5. Teacher Console software to monitor the browsing behaviour of users on computer Systems
6. SMS alerts/reminder service for borrowers
7. Digital database DSpace incorporated
8. NPTEL lecture content management
9. Off-Campus access to Digital Library through College Website
10. Availability of e-Library facility

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	27,767	66,58,124	1,083	4,78,886	28,850	79,37,010
Reference Books	3,059	17,89,430	480	1,04,389	3,539	18,93,819
e-Books	3 consortia	20,500	18	free	21	20,500
Journals	51	35,000	30	27,000	81	62,000
e-Journals	3 consortia	20,500	18	free	21	20,500
Digital Database	10	20,500	12	-	22	20,500
CD & Video	676	80,000	135	20,250	811	1,00,250
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	278	98	32	35		19	94	
Added	14	05	07	-		-	02	
Total	292	103	39	35		19	96	

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Wi-Fi Enabled Campus
- ICT enabled classrooms
- Knowledge Pro- Office Automation Software
- Students registering for MOOCs in Coursera
- Cloud technology for sharing resources
- Language lab for enhancing English language
- skills in students

4.6 Amount spent on maintenance in lakhs :

i) ICT | 0.97

ii) Campus Infrastructure and facilities | 17.14

iii) Equipments | 1.46

iv) Others |

Total : | 19.57

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Students are briefed about the Student Support Services during Orientation programs & student handbooks which are issued during orientation carry these details.
- Student support services are highlighted in the college prospectus.
- Feedback on student support services are regularly done& analysed. The suggestions are communicated to Head of the Institution.
- Through class circulars & notice board any enhancements in services, respective departments/ units are informed to students.
- During class teacher meetings with students & mentoring sessions IQAC redresses the special needs of students.
- Members of the student council are also instrumental in disseminating   information pertaining to student support services

5.2 Efforts made by the institution for tracking the progression

- A separate cell for counselling comprising the Principal, HODs and subject Teachers, counsel the students on the choice of Higher Education and Career prospects in respective courses.
- Students' progression is evaluated by their performance through periodical tests, assignments, Mid-semester and End-semester examinations.
- Mentors track the progress of individual students by periodically updating their academic performance in the mentor cards.
- IACSPS maintains year-wise student data on the number of students placed against the number of students enrolled for Placements

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
703	262		

(b) No. of students outside the state

177

(c) No. of international students

81

Men

No	%
622	64.46

Women

No	%
343	35.54

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
776	422	78	1850		3126	424	143	31	367		965

Demand ratio   100%   Dropout Not exceeding 5 %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- The Indian Academy Centre for Professional Excellence continues to offer Value-added programmes to students in preparing for competitive examinations.
- IACPE is annexed to the College to organize coaching classes for students who show interest in appearing for professional examinations like CA-CPT and UGC-CSIR-NET to name a few.
- Adequate resources in the form of study materials, question banks and preparation booklets for UGC-CSIR-NET, SLET, GMAT, CAT, GRE, TOEFL etc are available through the library in the College.
- Additionally, faculty members & alumni who are qualified and have taken these examinations in the past are also available for guidance through group interactions.

No. of students beneficiaries   100

5.5 No. of students qualified in these examinations

NET [ ]   SET/SLET [ ]   GATE [ ]   CAT [ ]

IAS/IPS etc [ ]   State PSC [ ]   UPSC [ ]   Others [ ]

5.6 Details of student counselling and career guidance

Subject teachers, class teachers and Heads of the departments are always available for the students in clarification of queries related to academics, apart from which mentors play an important role in boosting the morale of students in the form of personal counselling. The College has an active Centre for Student Placement Services & a Centre for Professional Excellence to spearhead the career guidance, competency building and placement activities. IACPS conducts pre-placement training on Preparation of Resumes, Interview facing skills, Mock Interviews, Group Discussions etc. Guest lectures that involve experts from industry enables students to acquire soft skills such as Interpersonal skills and Corporate Communication, Team-building skills, Personality Development and other competencies. IACPE takes initiatives to build competencies, skills and the employability of the students through its finishing school programme for the Final year students of all disciplines The Indian Academy Centre for Entrepreneurial Learning encourages and guides students to start up new ventures.

No. of students benefitted   200

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
32	136	70	30

5.8 Details of gender sensitization programmes

- Talk on 'Empowering Women' for all the women employees of the college on March 10th 2017

- Essay writing and elocution competition for the girl students of the Institution was organised by the SWO on account of International Women's Day and the winners were recognised

- Guest talk on 'Women Empowerment' for all the girl students on March 8th 2017, International Women's day by Ms.Sandra Oberoi

5.9 Students Activities

  5.9.1   No. of students participated in Sports, Games and other events **Total-120 (B+G)**

      State/ University level | 1 | National level | 1 | International level | 1 |

      No. of students participated in cultural events

      State/ University level | 1 | National level | | International level | 1 |

  5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level | 1 | National level | | International level | 1 |

Cultural: State/ University level | | National level | | International level | |

      College Level : | 13 |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	234	21,53,700
Financial support from government	378	51,14,954
Financial support from other sources	9	53,000
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs   : State/ University level | | National level | | International level | |

Exhibition: State/ University level | | National level | | International level | |

5.12   No. of social initiatives undertaken by the students | 40 |

5.13 Major grievances of students (if any) redressed:
- In the year 2015 to 2016 cases related to examination among 430 cases, 350 is resolved, It's about 96%.
- Grievances related to canteen regarding the quality of food. Quality of food is improved now

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision
To offer Dominant, career oriented comprehensive education combined with Humanistic, Scientific and Social learning.

Mission
To provide cutting edge, career-oriented academic programs in a supportive and stimulating environment for the intellectual and ethical growth of a diverse student community, with an unwavering commitment to Excellence

6.2 Does the Institution has a management Information System

Yes.
The Management Information System of the Institution includes

- Institution has a well structured E-Governance through 'Knowledge-pro' software system in the process of Admission, Accounts, CIA, Examination, Evaluation, Fee Collection, Student and Faculty details.
- Financial Reports for Departmental & Institutional Budgets along with Annual Income/Expenditure Reports.
- A provision for students to give online feedback on faculty and is analyzed and shared with the teachers and appropriate remedial actions are suggested to further strengthen the Teaching-Learning process.
- Knowledge Management System has been extended, to include online admission. The Institution has witnessed a positive trend with the development of diversified admission criteria and is committed to creating a diverse student body. The admission procedure is fair and transparent.
- Automated text messages will be used to create an instant communication method notifying students, parents and guardians on overall attendance percentage. With a separate login ID's for students and parents.
- Evaluation of Internal Assessment is incorporated within the Exam Evaluation module. A students' portal has been introduced for students to view their attendance. A new module for Hostel management has also been initiated.
- Students Performance in semester-wise University Examinations is being analyzed. Corrective and preventive actions are discussed and new benchmarks are set in order to ensure continuous student progression.
- Student Admissions are categorized based on program, gender, region, social class and educational background.
- Faculty Appraisal Reports are submitted by the Faculty during Annual Faculty appraisal and are evaluated by Management. The whole process is paperless.
- With the above measures, a positive and robust MIS system has been evolved which ensures smooth & efficient functioning of the Institution and aids in the decision making process

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- The Institution conducts department-wise BOS meetings for framing of Syllabus catering to requirements of all the stakeholders thereby ensuring quality at successive levels.
- The resolutions passed by the BOS are approved and ratified by the Academic Council which plays a vital role in an autonomous Institution.
- Feedback from industry experts, eminent academicians and other stakeholders is taken into consideration in redesigning the curriculum.
- Gap analysis in present skill set of students and expected skill set for being employable.
- Curriculum Action Plan Implementation Committee (CAPIC) monitors proper planning and implementation of curriculum aligning with well structured Calendar of Events.
- Value added programs are offered by the departments in association with IACPE to enhance students' skill set.
- Many of the faculty members are BOS members in University and other autonomous colleges which brings insight into curriculum development.
- Participation by Faculty members in seminars, workshop and syllabus revision sessions at University for the newly introduced subjects.

6.3.2 Teaching and Learning

- The Institution is committed to give the best teaching-learning process to the students with continuous improvements.
- The college has faculty with strong academic credentials and rich experience in academics and industry with commitment and passion for teaching.
- Teaching Learning process is carried out in well equipped ICT Class rooms & Laboratories.
- Faculty members maintain Lesson Plan, which facilitates them for the effective & timely delivery of syllabus.
- IQAC organizes periodic Faculty Development Programs to make the faculty towards innovative methods of teaching, boosting morale & use of technology in teaching learning process.

- New Faculty members are inducted through Faculty Induction Program which orients about the core values of the Institution and importance of their teaching role.
- Staff Colloquium is a platform for faculty members to discuss new ideas in academics, industry, research activities.
- Regular sessions and review meetings between student and Class Teacher, sometimes involving parents and also through mentoring process is carried out to achieve effective Teaching Learning process
- Continuous Internal Assessment and monitoring of the student keeps a track of the learning capability of a student.
- Experiential learning through training by reputed Institutions like IISc, IITB,GKVK, NCBS, virtual portfolio building for finance students, making of models and circuits, animated pictures and videos related to subject, etc.
- Bridge course and remedial classes for slow learners.

6.3.3   Examination and Evaluation

- The Institution has well structured mechanisms in place to ensure that all stakeholders are aware of the evaluation processes through Student Handbook and Examination Manuals.
- The Evaluation processes consist of Continuous Internal Assessment (CIA) and End Semester Examinations (ESE).
- Continuous student evaluation through Internal Tests, Assignments, Group Discussions, Presentations, Interactive Sessions.
- Internal marks are awarded as prescribed for each activity and are uploaded on Knowledge-Pro to ensure transparency of evaluation. Blue Books are maintained for assignments.
- Each Department maintains an exhaustive list of BOE - External Members for timely execution of the process of examination and evaluation.
- Examination Committee coordinates with departments, university section and support staff for smooth execution of examination.
- The following best practices are adopted:
  o Bar coded answer scripts ensures complete confidentiality
  o Online publication of End-semester examination results within three weeks of examination.
  o Transcripts printed with high security features including the photograph of the students.

- Examination Grievance Redressal Committee addresses the internal evaluation grievances in consultation with concerned department. For grievances of university examination, the committee facilitates the redressal through application for revaluation.

6.3.4 Research and Development

- Research has been given a strong thrust and forms a core part.
- College is a recognized Research Centre in Life Sciences by Bangalore University which has taken the process of approving few Faculty Members for Ph.D Guideship.
- Creation of Institutional framework with recognitions by regulatory bodies (ex. UGC 12B, 2(f) status)
- Research Committee with experienced doctorates to co ordinate & spearhead the research activities. The Committee also screens research proposals before submission to external bodies to ensure quality.
- Industry funded Workshops and seminars help faculty and students in effective involvement towards research and publications.
- Institution allocates separate budget for Research & Development activities
- Faculty involved in research of Nonmaterial, heat transfer in porous media, electronic instrumentation etc.
- Seed grants to faculty members to build on their pilot work and promotion of research.
- Faculty members are actively involved in research publications in National and International Journals with Impact Factor. And faculty members are pursuing Doctoral research.
- Regular workshops on latest trends in research and use of software like SPSS for data analysis.
- Involvement of students in research activities and guidance to students to undertake research projects in corporate environment

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library is centrally located and equipped with good number of Books, National & International Journals, Magazines, Newspapers spread-over two floors.
- Extended working hours to suit user requirements (During exams & Preparatory holidays)
- The Library is manned by well trained & courteous staff to facilitate students & faculty in their library work.
- At the beginning of each Academic Year an orientation is conducted for newly admitted students on use of library and digital library resources.
- Workshop on e-Learning conducted for Post Graduate students for accessing online resources to help students in their Dissertation / Project work.
- Smart Book demonstration in association with Tata-McGraw Hill to imbibe the culture of use of online resources.
- To encourage the habit of reading among the students Annual Book Exhibition is organized as one of the best practice - where various Publishers participate and latest books are showcased and sold at discounted price.
- Facility of BRAILLE BOOKS for visually impaired students.

- Monitoring students' library hours through smart card integration.
- The Institution encourages the extensive use of ICT and computer-aided teaching/learning, video power points are extensively used during classes.
- **Wi-Fi** enabled campus facilitates usage of Google docs for sharing assignments & course content
- **Physical Infrastructure /Instrumentation:** The College has separate departments for campus maintenance and upkeep of infrastructure, facilities and equipment. Each department is manned with technically qualified people.
- A Multimedia Language Lab, Computer Labs and Science Labs provide opportunities for hands-on training. All laboratories are equipped with advanced equipments like PC. LAF, Deep freezer etc.
- Fire extinguishers have been installed across the campus and students and staff have been trained in handling the equipment.
- In order to ensure safety and security of the campus community, the College is under central surveillance with the installation of CCTVs on campus.
- Separate parking facility for four wheelers and two wheelers.
- Separate area for housekeeping staff has been allocated for having their food & relaxation.
- RO plants supply potable water for the entire college.

6.3.6 Human Resource Management

- Institution has developed a culture of continuous learning by allocating significant resources for faculty training and support.
- Each staff member has clearly defined roles & responsibilities which ensures smooth functioning of the system.
- For the newly inducted faculty members' orientation workshop is conducted to align with the Institutional Mission and Culture.
- Staff Grievance Redressal Cell addresses internal grievances and concerns of the staff members.

6.3.7 Faculty and Staff recruitment

- The Institution has a well structured recruitment process which ensures objectivity and quality staff – both teaching & administrative.
- The quality requirements and the academic credentials are decided as per the guidelines of the UGC and by preparing detailed Job Descriptions.
- Advertisements are placed in the college website, leading Newspapers and Job-portals to attract talent that suit specifications.
- Candidates are selected based on academic credentials, Classroom Demo, Interview sessions with selection committee consisting of experts & HOD's after which the selected/recommended candidates are offered Placement.
- We accommodate relevant guidelines for minorities and SC/ST reservations, as prescribed by the Regulatory Bodies, in all Recruitment policies.

6.3.8 Industry Interaction / Collaboration

- College encourages III (Industry-Institution Interface)
- IACPE networks with industry and arranges MOU with around 20 companies like Biozen, Tally, which helps in designing Add-On Programs and student placements.
- College organized training program for students at Raman Research Institute (RRI)
- College organizes Guest Lectures, by Chartered Accountants, Cost Accountants, Tax Experts, Entrepreneurs, HR Managers , scientists etc.
- Final year students undergo Projects / Dissertations / Internships with leading companies.
- Industrial visits are arranged by all the departments to enhance experiential learning.

6.3.9 Admission of Students

- Admissions are done by a separate Admissions Department manned by well qualified staff.
- Admissions process is merit based & transparent, giving equal opportunity & access to students.
- Pre-Admission counseling is undertaken to help the student identify and take the right course matching his/her interest and skill set.
- At PG Level admission are done as per seat matrix provided by University providing equal opportunities to all the categories like minorities, SC/ST background, sports achievers etc.
- Admissions are also done through Indian Council for Cultural Relations (ICCR), which brings in geographical diversity into the campus.
- Appropriate provisions are made with prescribed relaxations in the eligibility criteria to endure access to students belonging to less privileged sections of the society. As per provisions, it is ensured that at least a minimum number of students from each of the categories such as SC-ST Minorities backgrounds; Sports Achievers, etc are given admission opportunities.
- College is registered with the leading education portal, Shiksha.com which connects education seekers with education, providing different platforms for the aspirants to search, understand and register for courses in Institutions.
- College makes sure for healthy gender balance in student composition. The online admission system enables opportunities to students across geographical boundaries.
- Students have online fee payment option through Banks and 'Paytm' portal.

6.4 Welfare schemes for

Teaching Non teaching	Annual Paid vacation to both teaching and non teaching staff Partial/Full fee waiver to wards of employees Subsidized housing & accommodation facilities for select categories Group Insurance Maternity and Paternity leave ESI facility Provident fund Gift vouchers on important occasions Emergency health care facility Transport facility Casual leave of 12 days RO purified water & subsidized canteen facility. OOD facility to carry out Research activities
Students	Merit &Merit cum Means scholarships Fee waivers (in full & partial), free ships Extended installments for fee payments Group Insurance for all students Counselling-Career, Personal and Psycho social Access to first aid and emergency medical care Free health camps for the benefits of students Book bank schemes for SC/ST students Cafeteria facilities at subsidized rate Assistance in identifying housing facilities for international students Wheel Chair, special Track, lift facility for physically challenged students Special Scholarship for Girl Students.

6.5 Total corpus fund generated

Rs. 29, 13, 39, 829.55

6.6 Whether annual financial audit has been done   Yes ✓   No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV Rheinland (ISO)	Yes	MR,IQAC
Administrative	Yes	TUV Rheinland (ISO) Chartered Accountant	Yes	Chartered Accountant

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes ✓   No ☐

For PG Programmes   Yes ✓   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Minimum requirements in Student Attendance & Internal assessments as proposed by the Affiliating University are strictly adhered to.
- A separate Examination Committee liaisons with COE in smooth conducting of External Examination.
- Examination Grievance Redressal Cell co-ordinates with COE in resolving student issues related to examinations, tabulation sheets & transcripts.
- Internal assessment of candidates are done through Continuous Internal Assessment (CIA) i.e. assignments, Mid-Term & Preparatory Examinations. All CIA marks are entered into Knowledge Pro, available on the college website, which a student can access through his/her login ID ensures transparency in the system.

- As students are prohibited from wearing wrist watches / electronic gadgets in the Exam Halls, Exam Rooms are fixed with Wall Clocks for students to monitor & manage time. Exam Rooms are also fixed with CCTV camera for better monitoring.
- The following best practices are adopted:
  o Bar coded answer scripts ensures complete confidentiality
  o Online publication of End-semester examination results within three weeks of examination.
  o Transcripts printed with high security features including the photograph of the students

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

N. A.

6.11 Activities and support from the Alumni Association

- The College has a fully functional registered Alumni Association in the form of Indian Academy Alumni Association (IAAA). It serves as a focal point and networking platform among alumni.
- As an autonomous Institution alumni acts as members in BOS in providing their inputs in updation of the curriculum.
- The Alumni of the Institution are actively engaged in giving latest industry developments and feedback on curriculum which helps the college in initiating value added programs
- Networking with Alumni also helps in conducting workshops, extracurricular and co-curricular activities and guest lectures.
- The alumni also actively participate in initiating and conducting community development activities
- The alumni who occupy key positions in the industry help us in interfacing their organizations in campus placement, Internship activities and competency- building.

6.12 Activities and support from the Parent – Teacher Association

- Parent-Teacher association offers feedback about the issues pertaining to Institutional quality and helps the management in further improvement.
- Members of the parent-teacher association, as an important stakeholder take part in all the functions / activities of the college.
- Parents' interaction with external regulatory bodies like NAAC, LIC on Autonomy has created a positive impact.

6.13 Development programmes for support staff

- Orientation workshop for support staff
- Hands on Computer Training Program for support staff
- Training on calibration of Equipments
- Health checkup camp by Women's Cell

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Laboratory chemicals and e-waste are disposed properly as per environmental guidelines in covered bins by external agencies.
- Reactions generating smell and fumes/explosive are conducted in fume cupboard equipped with high voltage exhaust fan.
- All hazardous and corrosive chemicals are stored safely in fume cupboard
- Liquid chemical wastes are disposed in separate bins
- Minimization of paper use by using ICT facilities and Google docs
- Awareness on conservation of electricity and water
- NSS organizes Plant sapling from faculty and students in and around the Institution.
- Awareness campaign through Rally highlighting plastic free zone
- College has rain harvesting facility as per guidelines
- Institution has initiated the use of Solar Energy
- College observes 'Green Day' where staff and students do not come in their private vehicles, but instead use public transport system.

Criterion – VII

7. <u>Innovations and Best Practices</u>

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- The highly effective teaching fraternity of the college facilitate the learners in knowledge creation and dissemination by adapting Bloom's taxonomy and a unique teaching methodology that promotes active engagement of students within and beyond classroom.
  The teaching design incorporates
  - Content analysis
  - Preparation of a personal action plan
  - Integration of content and process in teaching-learning
  - Continuous learning
- Creative corners are set up across departments to build creative thinking ability in students.
- Off-campus reference activities which are purely related to research especially within the Post-Graduate courses plays a key role in building research climate amongst students.
- To encourage active student participation, the college organizes department-level co-curricular activities week that witnesses a vibrant campus with stalls and exhibitions.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan of Action	Achievements
Having identified the benefits of Orientation programme, it was decided that a 3 hour programme with presentations from Principal, IQAC coordinator, HR and Heads of the departments must be organized.	**FIP** was organized on 15.6.16
FDP- Srujana has to be organized in the last week of June. Various topics were suggested by the IQAC members.	**Srujana** was held on 23.6.16 and 24.6.16
Members emphasized on the need for a training programme to be organized for all the student council members that can build their leadership skills.	'**Step-Up'**- a leadership training programme was organized on 19.9.16 in collaboration with IACPE and SWO
The committee has planned to conduct a programme that can promote research culture among faculty members and have suggested various topics.	A Lecture on '**Importance of Research in Teaching-Learning process**' was organized on 13.8.16
The committee has decided to take students' feedback on faculty. I year UG and PG students' feedback to be taken. I year PG students' feedback to be taken later.	**Feedbacks** of II and III year UG students and II year PG students were taken between 20.9.16 and 24.9.16 through Knowledge-pro. I year UG & PG students' feedback was taken between 19.12.16 and 24.12.16.
Programmes for Teaching and Non teaching staff need to be organized.	• FDP on "**GST**" was organized for the teaching staff members on 28.1. 2017 • A lecture on "**Self Motivation**" was organized for all the lab assistants on 25 .1. 2017 • A programme was organized for the administrative staff on "**Self Enrichment for effective team work**" on 4.3.2017
To organize seminars, workshops, FDPs and community extension activities in departments	HODs meeting held with IQAC and the requirements were communicated, which resulted in accommodating the quality initiatives in the departmental calendar and subsequent implementation
The committee has decided to take UG and PG students' feedback on faculty. .	**Feedbacks** of UG and PG students were taken between 20.09.17 and 28.09.2017 for the odd semester and 22.4.17 to 26.4 .17 for the even semester through Knowledge-pro. Data is compiled upon analysis.
Planned to send a proposal to NAAC for organizing National Seminar.	Sent the **proposal to NAAC** on 16.6.2017 to organize a National seminar in the month of December.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

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1. Bringing Academia and Industry Closer through Industry Institute Interface

2. Building Research Climate : Research as a key performance indicator of quality enhancement and sustenance in higher education

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*Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

- Continue to Observe "Energy Conservation Day" every second Saturday of every month
- Green Audit is conducted to monitor the energy consumption and offer suggestions based on the objectives
- Solid waste is collected, segregated and composted in the facilities available in the campus. Faculty members, students, administrative and housekeeping staff are oriented in the process
- Planting and nurturing saplings of bio-fuel and avenue plants in and around the college on a regular basis
- A well defined rain water harvesting system is set up in the premises and is functional.

7.5 Whether environmental audit was conducted?   Yes ✓   No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strengths:
- The college is conferred with the status of Autonomy for a period of 6 years from the Academic year 2016-17 to 2021-22.
- The College is Permanently Affiliated College of Bangalore University, also recognised with UGC 12(B) and 2(f) status.
- The College has also undergone three cycles of ISO 9001:2008 certification and two cycles of assessment and re-accreditation by NAAC and was awarded with A Grade and a CGPA of 3.27 in the second cycle.
- A recognised Research centre for Life Sciences is established. Three faculty members have received guide ship.
- The College has well-diversified faculty and students' strength. The College is a home of learning for diversified classes of the society from International students from ICCR to students from socially and economically weaker sections of the society.
- The College has initiated a large number of institutional scholarships with community participation in the merit and merit-cum Means, single girl child categories.
- As the whole campus is under Wi-Fi connectivity, ICT is intensively used in the teaching-learning process.
- The College has been offering many Value-added courses and Skill development courses to students to promote functional knowledge and application skills to increase students' academic progression and employability.
- The College has put a lot of thrust on Research and Consultancy. Within six months of having got 12(B) status, the College has been **awarded 11 research projects by the UGC** and 2 SPICE projects. Besides, the College has **secured one major research project funded by VGST, Govt. Karnataka**.
- Many new courses are introduced and infrastructure is upgraded. Experienced and qualified teaching fraternity with more no.of Ph.Ds.

Weakness

The College is focusing on becoming globally competent with adequate emphasis on strengthening progress in placements at the Under Graduate level, building career opportunities to students and sustain as a world-class Institution

Opportunity

A greater level of flexibility is exercised with the status of autonomy. This has enhanced experiential learning in curriculum design and development. The vision of the Institution is to achieve the level of academic freedom that automatically elevates the status to an Institution of international repute.

Challenges

With the status of Autonomy, the Institution strives towards expansion and to operate as a knowledge hub. The institution makes every effort to retain Faculty members. Collaboration of Industries with the Institution could be enhanced through technology for knowledge sharing for both the students and the teachers. Improvise the measures taken to enhance the enrolment of students in few courses.

8. Plans of institution for next year

- Augmenting Infrastructure with additional classrooms to meet the increasing demand

- Initiate a Memorandum of Understanding with NEN

- Implementation of autonomous system for al l the batches

- Having received the approval of guide ship in Life Science department, candidates for full-time research will be admitted in the coming year

- As a step to enhance quality the college will apply for the UGC - STAR College Status

Name _Ms. Sangeetha Annie George_   Name _DR. E. JEROME_

_____   _____

Signature of the Coordinator, IQAC   Signature of the Chairperson, IQAC

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INDIAN ACADEMY DEGREE COLLEGE

AUTONOMOUS

Reaccredited by NAAC with 'A' Grade

Recognized by Govt. of Karnataka & Affiliated to Bangalore University

16th – June – 2017

Calendar of Events June 2017 - May 2018

NAME OF THE EVENT	DATE
JUNE	
World Environment Day	05.06.2017 Monday
Staff Induction Programme	14.06.2017 Wednesday
Orientation for III and V semester & Commencement of Classes for III Semester UG courses	15.06.2017 Thursday
Orientation for I year UG courses	19.06.17 Monday
Formal Inauguration for I year UG courses	20.06.17 Tuesday
Yoga Day-Special Programme for staff	21.06.2017 Wednesday
Ramzan (Holiday)	26.06.2017 Monday
Commencement of Classes for V Semester UG courses	27.06.2017 Tuesday
Election of Class Representatives	30.06.17 Friday
JULY	
Election of Student Council-by Class Representative	01.07.17 Saturday
Students Investiture Ceremony	05.07.2017 Wednesday
Commencement of Classes for III semester PG courses	14.07.17 Friday
Fresher's Week (Afternoon between 2pm & 4pm)	

Dept. of Humanities Fresher's Day	03.07.2017 Monday
Dept. of Physical & Life Sciences Fresher's Day	04.07.2017 Tuesday
Dept. of Commerce Fresher's Day	05.07.2017 Wednesday
Dept. of Business Administration Fresher's Day & Last Date For Paying II & III year Tuition Fees	06.07.2017 Thursday
Faculty Development Programme	07-07-2017 Friday & 08-07-2017 Saturday
Dept. of Computer Science Fresher's Day	10.07.2017 Monday
Literature Day -Dept. of English	12.07.2017 Wednesday
First Assignment for all the subject by I, III & V semester Students	14-07.2017 Friday
Commencement of Classes & Orientation for I semester PG courses	24.07.2017 Wednesday
National Seminar by Dept. of Physical Science	28.07.2017 Friday & 29.07.2017 Saturday
AUGUST	
Varamahalakshmi Pooja (Holiday)	04.08.2017 Friday
Spectrum Annual Intra Collegiate Fest Off Stage Events	10.08.2017 Thursday
Spectrum On stage Activities	11.08.2017 Friday
IAPUC-Spectrum On stage Activities	12.08.2017 Saturday
Independence Day (Flag Hoisting)	15.08.2017 Tuesday
Mid Semester UG Examinations	16.08.2017 Wednesday & 23.08.2017 Wednesday
Founders' day	30.08.2017 Wednesday

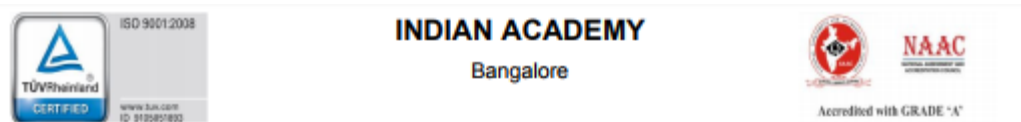|	
Ganesha Chaturthi (Holiday)	25.08.2017 Friday
SEPTEMBER	
State Level Conference : Chemposium- by the Dept. of Chemistry	08.09.17 Friday
Co-Curricular Activities Week	
Dept. of Business Administration	11.09.2017 Monday
Dept. of Sciences	12.09.2017 Tuesday
Dept. of Commerce	13.09.2017 Wednesday
Dept. of Computer Science	14.09.2017 Thursday
Dept. of Humanities	15.09.2017 Friday
State Level Seminar - by the Dept. of Kannada & Hindi	16.09.17 Saturday
Mahalaya Amavasya (Holiday)	19.09.2017 Tuesday
Bhasha Utsav- Dept. of Kannada & Hindi & Submission of First Assignment for all the subject by I, III & V semester Students	25-09.2017 Monday
International Conference : by the Dept. of Chemistry	21.09.17 Thursday
Mid Semester III Sem PG Examinations	20.09.2017 Wednesday to 27.09.2017 Wednesday
World Tourism Day	27.09.2017 Wednesday
Ayudha Pooja (Holiday)	29.09.2017 Friday
Vijayadashami (Holiday)	30.09.2017 Saturday
OCTOBER	
Gandhi Jayanthi	02.10.2017 Monday

Valmiki Jayanti **(Working Day)**	05.10.17 Thursday
End Semester UG Examinations	10.10.2017 Tuesday
Naraka Chaturdasi (Holiday)	18.10.2017 Wednesday
Additional Holiday for Diwali	19.10.2017 Thursday
Balipadyami (Holiday)	20.10.2017 Friday
Commencement of UG Autonomous Examination	25.10.2017 Wednesday
NOVEMBER	
Karnataka Rajyotsava (Holiday)	01.11.2017 Wednesday
Kanakadasa Jayanti **(Working Day)**	06.11.2017 Monday
End Semester Examinations for I & III sem PG	07.11.2017 Saturday
Commencement of III sem PG Autonomous Examination	20.11.2017 Monday
Commencement of Classes for II , IV semester UG Courses, IADC-A	27.11.2017 Monday
DECEMBER	
World AIDS Day	01.12.2017 Friday
Id-Meelad (Holiday)	02.12.2017 Saturday
IQAC National Conference	07.12.2017 Thursday & 08.12.2017 Friday
Commencement of Classes for II , IV semester PG courses, IADC-A	18.12.2017 Monday
Christmas (Holiday)	25.12.2017 Monday
JANUARY	

New Year Day (Holiday)	01.01.2018 Monday
"INSPIRE" – Programme	09.01.2018 Tuesday to 13.01.2018 Saturday
Mid Semester UG Examinations	10.01.2018 Wednesday to 17.01.2018 Wednesday
National Youth Day (Birthday of Swami Vivekananda)	12.01.2018 Friday
Yuvatarang (Annual Inter-Collegiate Cultural Fest)	19.01.2018 Friday & 20.01.2018 Saturday
Annual Sports Meet	25.01.2018 Thursday
Republic Day (Flag Hoisting)	26.01.2018 Friday
FEBRUARY	
World Cancer Day	04.02.2018 Sunday
National Science Day	28.02.2018 Wednesday
MARCH	
International Women's Day	08.03.2018 Thursday
Mid Semester II & IV PG Examinations	10.03.2018 Saturday to 16.03.2018 Saturday
World Water Day	22.03.2018 Thursday
Annual Recognition Day	29.03.2018 Thursday

Graduation Day	30.03.2017 Friday
APRIL	
End Semester UG Examinations	02.04.2018 Monday to 06.04.2018 Friday
Earth Day	22.04.2018 Sunday
Commencement of UG II & IV Semester Autonomous Examinations	24.04.2018 Monday
Commencement of Bangalore University UG Examinations	
End Semester PG Examinations	
MAY	
May Day (Holiday)	01.05.2018 Tuesday
Commencement of PG II & IV Semester Autonomous Examinations	07.05.2017 Friday
World Anti-Tobacco & No-Smoking	31.05.2018 Thursday

Feedback

INDIAN ACADEMY

Bangalore

STUDENT FEED BACK ANALYSIS REPORT - JAN 2017

Department Name : Biochemistry   **Section :** 1 M.Sc Bc.

Name Of The Faculty : ▮▮▮▮▮▮▮▮   **Subject Name :** Analytical Biochemistry-I

Semester : 1

SI.No	Assessment Criteria	Rating (Out of 5.0)	Percentage (Out of 100)
1	Clarity & Knowledge	4.69	93.85
2	Teaching Methodology	4.62	92.31
3	Effective communication	4.77	95.38
4	Punctuality	4.77	95.38
5	Interaction with students	4.54	90.77
6	In creating more interest in the subject	4.54	90.77
7	Impartiality/ Unbiased	4.54	90.77
8	Approachability	4.46	89.23
9	Updated with current knowledge on the subject	4.62	92.31
10	Mentoring Ability	4.54	90.77
11	Ability in controlling the class	4.62	92.31

Consolidated Rating : Excellent

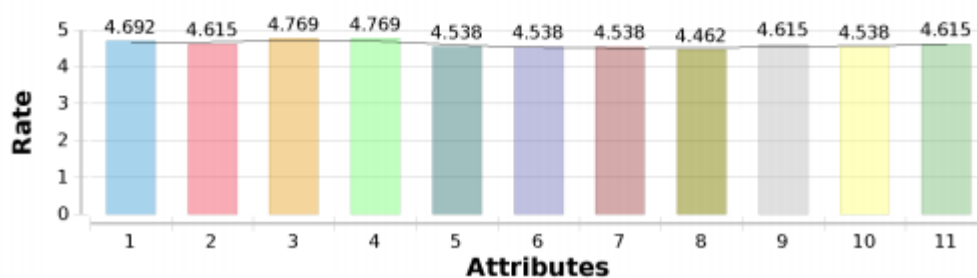**Average Rating : 4.61**   **Overall Percentage : 92.2**

Ratings are as Follows :

1 . Unsatisfactory   2. Meeting Some Expectation   3. Good   4. Excellent   5. Out Standing

Bar chart — Rate vs Attributes: 1: 4.692, 2: 4.615, 3: 4.769, 4: 4.769, 5: 4.538, 6: 4.538, 7: 4.538, 8: 4.462, 9: 4.615, 10: 4.538, 11: 4.615

Best practice - I

Title

Building Research Climate : Research as a key performance indicator of quality enhancement and sustenance in higher education

Context

With increasing importance being placed on research in higher education, the college has adopted research as part of the major objectives. This reinforces the importance of setting research as a Key Performance Indicator in quality enhancement and sustenance where teachers have the added responsibility of engaging in the process of research and impart learning that creates a valid and living curriculum for the development of graduate attributes.

Objective

Research is a key driver of competitiveness and opens new avenues of innovation strategy. It is amongst the most important and necessary component of teachers in Higher Education. Research plays a major role in creating well-trained graduates and produces professionals competent in extremely complex, knowledge-intensive environments. Research plays a vital role in growth of the Institution. Research studies open both faculty and students to new social networks, knowledge, skills and experience. It is perceived as possibility for new achievements and contribution towards domain knowledge.

Practice

The institution Encourages Faculty to get enrolled for Ph.D work through well planned activities amongst which Faculty Development programmes play a major role. As a step towards building a research environment, seed money for the promotion of research is provided by college. The practice extends support and facilitates the Faculty as and when required by granting sufficient leave on need basis to involve themselves in research related work. Conducting National and international conferences, set the right platform for the research aspirants to associate themselves with subject matter experts and to create consciousness about research related activities. The faculty members are constantly encouraged to participate, present and publish research papers in seminars / conferences. Apart from the teaching fraternity, the students are also sensitized on the importance of research and its benefits and are encouraged to publish and present papers in National and International conferences. A well-established research wing with the guidance and support received through the research directors has established a strong base for building research climate within the college. Faculty members are given opportunities to write Major Research Proposals under UGC and while being in the Institute are encouraged to pursue Advanced Research Degrees. As mentioned earlier, Faculty development programmes are

amongst the major driving forces in building research climate. Students are actively involved in field projects, Case Studies, Internships. They are also prepared for Competitive Exams like UGC-CSIR NET and encouraged to involve in Projects from SPICE, KSCST under the guidance of faculty members of DSDR & in writing Research Articles.

Evidence of Success

The Institution has successfully established a research centre in life sciences. The number of Students and Faculty members clearing the UGC-CSIR NET has improved considerably. Few faculty members have been approved by the Parent University for guide ship.

Problems Encountered

With the guidance and support received from the management along with accurate planning and execution of the research wing, the probability of problems or errors is nil.

Resources

A dedicated research wing with highly experienced research directors and focused research scholars has ensured good progress in building the right research climate and continues to be a key performance indicator of quality enhancement and sustenance in higher education.

<u>**Best practice - II**</u>

Title

Bringing Academia and Industry Closer through Industry Institute Interface

Context

With the introduction of internationalization, there is competition for quality of talented human resources among industries. To meet the increasing demand of academically brilliant and talented human resources, industries look up to well-established Higher Education Institutions. At the same time, there is an imperative need to prepare students for jobs in companies of repute, by exposing them to newer technologies and methodologies. These objectives can only be achieved well by bridging the gap between industry and the academic institutions. Better interaction between technical institutions and industry is quintessential. This will have great impact on the curriculum, exposure of students to industrial atmosphere and subsequent placement of young graduates in industries across the country. Industries and HEIs have been collaborating for over years, but the rise of a global knowledge economy has intensified the need for strategic partnerships. The HEIs are imparting the basic knowledge and skill, but the Industry-Institute Interaction will enable to undertake research by staff and students relevant to the industry. The Industry-Institute Interaction should be designed to run longer period for preparing the manpower of world class in the various skills required by the industry, thereby contributing to the economic and social development at large.

Objective

The objective of establishing Industry-Institute Interface is to explore and identify common avenues of interaction with industry as per the requirements of the Institution and prepare the students into eligible and Industry ready graduates. The Young learners of the Institution have increased opportunities to adapt themselves to globalization. The students have a right, as well as obligation to equip themselves to be part of the global economy which ultimately contributes to national development and in shaping the destiny of the nation.

Practice

The Institution expresses a strategic commitment to genuine Industry-Institute interface through a well-planned annual calendar at both Institution and department level with adequate activities that bridge the gap between Industry and academia. The Indian Academy Centre for Professional Excellence(IACPE) and the Indian Academy Centre for Student Placement Services (IACSPS) play an active role in meeting our objective of strengthening the interface between the Industry and Academia. At the department level, the planning of the academic year includes guest lectures in an academic year, workshops and training programmes both offline and online that help the students to be abreast with the latest trends in the industry. Must mention the Industrial visits planned and executed to enhance industry exposure. Apart from this, the department in collaboration with the IACPE organizes various value-added programmes keeping the industry deliverables in mind. At the department level, club activities which include a good number of fun-filled learning exercises include a good number of discussion forums to keep the students in tune with the recent trends. Apart from the above mentioned initiatives the IACSPS chalks out its own calendar which includes a number of sessions for grooming the students and preparing them for the industry. Student interaction with well-placed alumni is yet another source of input in bridging the gap. Interaction with alumni creates a greater impact in the minds of the young learners. The activities at the department level along with the IACPE and IACSPS is scrutinized by the management. The valuable inputs received from the management have definitely enhanced student progression and prepares industry ready graduates.

Evidence of Success

Proper guidance and student support from within the disciplines and from the IACPE has reinforced the importance of Industry – Institute Interface. Industrial visits across disciplines play a pivotal role in enhancing the preparedness of the young graduates and guarantees student progression. The departmental clubs which are student initiated learning arenas have opened up an avenue for the Industry – Institute interface in the form of Guest Lectures and promotion of latest trends which in turn motivate students to enroll themselves into courses opted by the IACPE as per the requirement of the respective disciplines and gain hands on experience with the relevant trends in industry. The IACSPS has successfully placed a good number of students who are well-equipped and Industry ready.

Problems Encountered

The well-framed and thoroughly thought out Calendar of Events of the departments, placement wing and the Indian Academy Centre for Professional Excellence ensures a proactive model, in

consideration with all possibilities and ascertains appropriate execution thereby minimizing the chances of tribulations.

Resources

Industry-Institute-Interaction is successful with Alumni, Professional bodies and Industrial associations as work towards inculcating the required skills in the student community at large. The considerate suggestions and extra-ordinary support received from the top management and active student participation under the guidance of motivated and dedicated Faculty members have undoubtedly been the most valuable resources in the planning and execution of the practice.