January 2015 – For detail url
http://www.iitkalumni.org/EMagazine/8.pdf
E-magazine of the Alumni of IIT Kanpur, Issue 6:
August 2015 – For detail url

http://www.iitkalumni.org/EMagazine/9.pdf
E-magazine of the Alumni of IIT Kanpur, Issue 7:
January 2016 – For detail url
http://www.iitkalumni.org/EMagazine/10.pdf

This year has been a tumultuous year at the P. K. Kelkar library. Major changes in the administration and governance have initiated infrastructural changes that had been left pending for a long time. The library allowed only partial access to all areas in summer to do massive infrastructure maintenance of leaking ceilings of the top floor and toilets on all floors. The basement has added a customized compactor wherein books that are sparingly issued or used are to be shifted. All electrical fittings have been modernized with power saving LED lights. Motion sensors and dehumidifiers have also been installed. Soon the entire library will be equipped with these gadgets. The P. K. Kelkar Library subscribed to only online digital subscriptions of all periodicals in 2015 provided a digital version was available. This puts less pressure on binding and storage issues of periodical issues and would free up more space in the near future. The library vision document, approved by the academic senate, is also in its final stages of implementation to make the P.K. Kelkar library an efficient and modern knowledge centre.

The library now also hosts the Institute archives unit that was shifted to its premises in December 2015. The library now consists of three divisions, each under an Assistant Librarian. The Book processing unit (BPU), the circulation and maintenance unit (CMU) and the online resources and services (ORS) unit are three newly created divisions and each is responsible for services of the library that were previously handled by individuals. This restructuring of the library has now given greater responsibility to its personnel and brought in accountability to its officers. During the period Library Assistant (01) and Senior Library Information Assistant (01) posts have been filled.

The work done by various units are summarized below.

Circulation and Maintenance unit
The long pending physical stock verification of all books and other holdings in the library was started in June 2015 and completed in September 2015. This process was last accomplished in 1990. After that only random stock verifications were done each year as per available

records. As a result of this exercise, several unusable and dog-eared books have been sorted for write-off from the library records. Around 28000 books were reported untraceable as a result of this exercise. This exercise is being repeated this year to ascertain the exact loss due to pilferage etc.

The SLC also approved the process of weeding out of abstracts and indexing journals to create more space. A list of documents being weeded out is given the following url: .
http://172.28.64.14/intranet/abstract_wweedout.pdf

As a result of the exercise, several rocks in the library were freed and some of these rocks were gifted to campus school and other departments. The remaining rocks were disposed of as excess inventory after following due process.

We also weeded out duplicate copies of periodicals and annual reports during this exercise. The library earned around Rs. 60000 from sale of the *raddi* this year.
Data pertaining to Circulation is as under:
Checkouts of Books: 39170; Check in of books 39701; Total 78871 transactions were carried out (close to 217 transactions per day). Besides these there were 37537 online renewals done by the users themselves. 9 books were reported as lost and a sum of Rs. 31,411.00 was recovered as cost with handling charges.

Books Processing Unit
Our library procured 979 books and the total amount spent was Rs 63, 08, 716/-. This number is less than the number for the last year and we appreciate members only recommending books that are likely to be used extensively as this was an appeal last year,

A total 129 books were received as donations. 11 annual reports were also received. A letter of thanks and appreciation was sent to all donors and authors who sent us a complimentary copy.

The table below lists the department wise purchase of the books

Department	No. of Books (#979)
Aerospace Engineering	52
Biological Science & Biological Engineering	37
Chemical Engineering	98
Chemistry	63
Civil Engineering	73
Computer Science Engineering	41
Earth Sciences	82
Electrical Engineering	91
Generalia	2
Humanities and Social Sciences	90
Industrial & Management Engineering	70
Center for Lasers and Photonics	13
Library/Discretionary	22
Design Programme	10
Materials Science	6
Materials Science and Engineering	25
Mathematics and Statistics	69
Mechanical Engineering	55
Physics	69
Environmental Engineering & Management	6
Nuclear Engineering and Technology	5

News about the accessioned books is sent out every week as an e-mail link to all users.

ONLINE RESOURCES AND SERVICES (Periodicals Section)

The periodicals expenditure including binding and some other resources for the financial year 2015-16 was Rs. 13,06,25,577/-. The library has subscribed 1646 periodicals and 22 databases. The library continued its focus on the acquisition of e-resources. Library has also bound 1871 damaged books during the financial year 2015-2016.

New databases subscribed:
- Indian Standards (Civil Engineering) (CE)
- Indian Standards (Water Resources) (CE)
- EPWRF India Time Series (IME)
- Edunirvana (IME)

INDEST- AICTE consortium
In 2015, INDEST- AICTE consortium received a severe budget cut and this was passed on to our Institute. As a results several databases and online journals for which we had access through the consortium was cut off. The SLC unanimously decided to maintain status-quo in the availability of all existing library resources. Hence all databases provided by INDEST are now subscribed for with institute support.

Access to e-resources through e-Shodh Sindhu (eSS) consortium
Being a core member of e-Shodh Sindhu, we are getting online access to more than 9,000 peer-reviewed journals, bibliographic, citation and factual databases in different disciplines from various publishers/aggregators.

The following e-databases/ e-resources are accessible to us

1. ACM Digital Library
2. Annual Reviews
3. ASCE Journals Online
4. ASME Journals Online
5. ASTM Standards + Digital Library
6. Capitaline
7. CRIS INFAC Industrial Information (CRISIL)
8. Economic & Political Weekly
9. Emerald (298 titles)
10. Euromonitor – Passport
11. IEEE/IET Electronic Library (IEL) Online
12. Institute for Studies in Industrial Development (ISID) Database
13. JGate Plus (JCCC)
14. JSTOR
15. MathSciNet
16. Nature
17. Optical Society of America (Optics InfoBase)
18. Oxford University Press
19. Project Muse
20. Proquest-ABI/Inform Complete
21. ScienceDirect (Content Fees only for CFTIs)
22. SciFinder Scholar
23. SIAM
24. Web of Science

As a result, the library saved Rs. 1.30 crores approximately as these above mentioned resources were made available through eSS.

Library website
Library website (http://pkklib.iitk.ac.in)has been redesigned and developed by using open source content management software 'Joomla'. The website provides

improved search options, easier navigation and up to date contents for the users.

Automation and Networking
P K Kelkar library is fully automated using LibSys. Library is in the process of adopting open source software for automation. A new version of library workflow modules and WebOPAC will be made available to users.

Inter library loan
The unit provides reference and Inter Library Loan facility. During the period 20 documents requests were fulfilled to IITK users whereas 50 documents were sent to other libraries.

COMPUTER CENTRE

Computer Centre at IIT Kanpur is a central facility that caters to the computing needs of the faculty, staff and students for their research, development and teaching. It provides several services like e-mail and web access. It currently supports more than 10000 users. The Institute has a fully managed Local Area Network of more than 20000 nodes, connecting all the hostel rooms, offices and residences over wired as well as wireless network of more than 700 points. It has 3Gbps connectivity via different internet service providers. Computer Centre has been upgrading its computing, mail, network, Internet, PC lab and overall infrastructure facilities in a major way, over past few years. The computer centre functions round the clock on a state of art data centre divided into various zones that host compute and other servers, parallel clusters for different projects, office automation services, soft switch based telephony services and network services. The Computer Centre has two High Performance Computing setups, which have ranked 369 and 130 in top 500 lists (www.top500.org), in the November 2010 and June 2013 lists respectively. The second cluster became ranked 118 in the top 500 lists in June 2014 with the addition of extra nodes. Together, these setups have 1373 nodes. There are labs with over 400 computers. The labs and the computational infrastructure hosts a wide variety of general as well as specialized application software in areas like simulation, modeling, data management & processing, CAD/CAM, computer graphics, word processing etc. Several software are also hosted on central servers for use by students and faculty on their own computers. Activities of 2015-16 include the following:

- The primary and secondary Internet links were both upgraded from 1Gbps (1:2) without rate limit to 1Gbps (1:1) whereas the NKN link remained at 1 Gbps (1:1).

- LDAP based authentication was started with a smooth migration from NIS to LDAP.

- HPC machines bought in 2010 were upgraded to the latest operating system, and the Lustre file system was upgraded.

- Infiniband network on machines bought in 2013 and 2010 was revamped.

- The scheduler and several software on the HPC machines were upgraded.

- Several software on servers were upgraded.

- The main data centre was provided with a dual cooling circuit and its operations and maintenance was revisited.

- Virtual machine as a service was initiated.

- Certificate deployment based on *.iitk.ac.in domain names was started.

- Password change via web was made available.

- Authentication of guests on WiFi was initiated via SMS in guest house and auditorium.

- LAN was provided in Hall-12 and Wifi as well as LAN was provided in new LHC, L-18,19,20.

- NOIDA VH network was set up along with WiFi and Telephony.

- All hostel network switches were put on UPS.

- Round Cube mail client was started.

- WiKi for IIT Kanpur Web Services was started

- Joomla based website and backend support was started.

CENTRE FOR DEVELOPMENT OF TECHNICAL EDUCATION

Since its inception in 1971, Ministry of Human Resource Development, All India Council for Technical Education has always strived for the development of technical education in the country. The main objective of the Centre for Development of Technical Education (CDTE) is dissemination of knowledge resources of IITK. In a way CDTE is a coordinating facility for the various activities connected with development of curricula, preparation of resource material, administering the continuing education programme and providing in-service training to the teachers of engineering colleges. This is carried out through activities under Curriculum Development Cell (CDC), Quality Improvement Programme (QIP) and Continuing Education Cell (CEC).

Summary of various activities during the year 2015-2016

1. **QIP Students**
   (a) M. Tech. Candidates admitted 01
   (b) Ph.D. Candidates admitted   01

2. **Book-Writing Projects**
   (a) Book-writing projects continued – 35
   (b) Book-writing projects approved – 02
   (c) Book-writing projects completed -03

3. Short term courses conducted under QIP – 12

4. Short term self-financed courses conducted - 28

5. Workshops/ Conferences/ Seminars conducted – 22

CENTRE FOR CREATIVE WRITING AND PUBLICATION

Centre for Creative Writing and Publications (CCWP) had a productive year of cultural activities during 2015-16. Keeping the mandate of enriching the cultural life of the campus residents, we organize programmes that make the participants reflect on concerns and issues that are germane to a healthy citizenry. Given that the budget available to the Centre is limited, we are able to invite only a limited number of speakers to the campus. However, the quality of programmes is invariably of a high order.

During the year 2015-16, the following programmes were organized:
   1. A lecture on "Asexy Spaces: Fictional Representations of Asexuality" was organized on 14 September 2015. The speaker was Dr. Jana Fedtke of American University of Sharjah. The talk presented some of the current fictional representations of asexuality. The well-attended talk evoked serious discussions on the issue of asexuality in cultural productions, be it fiction or the film.

   2.   The second major event we organized was on

Yoga. The two-day programme was organized during 21-22 September 2015. The speakers were Professor Deepika Kothari and Shri Ramji Om.

On the first day, the speakers' film on yoga titled, "History of Yoga—the Path of my Ancestors" was screened. Discussing 6000 years of ancient Indian civilization, the film explored elements of yoga in the Harappan civilization and how various doctrines such as Vedas, Jainism, Buddhism, and Sufism engaged with this holistic practice.

On the second day, a Lecture-cum-Discussion on "Yoga and Indian Civilization: Its Continuity and Changes" was led by Shri Ramji Om. Since a large number of participants, from both the campus and the town, had attended the event, we ensured that the discussions were conducted in both Hindi and English. Overall, both the events were well-attended and witnessed enthusiastic participation from the audience.

We hope to organize similar useful and invigorating programmes in the coming year too.

STAFF TRAINING UNIT

The Staff Training Unit of this Institute is designing the training programmes on the basis of need base analysis, feedback from previous training programmes, as well as, request from HODs of department /sections. The Staff Training Unit has designed/organized 17 programmes successfully and 4 industrial visits for the technical staff during Financial Year 2015-16.

S No	Name of Programmes	Duration	Date	Number of participants
1	Personality Development	2 days	11-4-15 to 12-4-15	36
2	Noting and Drafting	2 days	13-4-15 to 14-4-15	6
3	Office Procedure and Noting	1 day	9-5-2015	36
4	Orientation Programme	1 day	23-7-2015	42
5	Record Management	1 day	12-8-2015	44
6	Store Purchase Management	1 day	27-8-2015	38
7	Safety at Workplace	2 days	8-9-15 to 9-9-15	46
8	Human Relation&Interpersonal skills	1 day	29-9-2015	10
9	Communication Skills	2 days	6-10-15 to 7-10-15	29
10	Handling of Equipment's/Instrument	2 days	9-10-15 to10-10-15	36
11	Soft Skills	2 days	30-10-15 to 31-10-15	29
12	Material Handling at workplace	2 days	12-1-16 to 13-1-16	16
13	Time and Stress Management	1 day	18-1-2016	22
14	M.S. Office	4 days	19-1-16 to 22-1-16	14
15	Orientation Programme	1 day	27-1-2016	38
16	Team work &Team Building	2 days	29-1-16 to 30-1-16	26
17	Self Confidence	1 day	4-2-2016	14

Industrial visit of Technical staff at esteem organizations

S No	Name of Industry/Organizations	Date of visit
1	Gas Authority of India (GAIL) Pata, Auraiya	9-9-2015
2	Lohia Starlinger Choubepur	10-10-2015
3	Bhart Heavy Electricals Ltd (BHEL) Jagdispur	31-10-2015
4	Artificial Limbs Manufacturing CO (ALIMCO)	30-1-2016

Fifteen technical and ministerial staff of IIT Hyderabad and IIT Indore have attended the training programme on Record Management, Store Purchase Management and Safety at Workplace. It is proposed that technical and ministerial staff could be sponsored to training programmes conducted by Advanced Training Institute Kanpur (ATI), Regional Labour Institute Kanpur (RLI) and ISTM New Delhi in next FY 2016-17, in order to improve organizational effectiveness and retain human capital. The few programmes have been designed for new staff members in both technical and ministerial cadre who joined recently.

The cell consists of Prof. Kamal Poddar (Deptt. of Aerospace Engineering), Liaison Officer, w.e.f. July 01, 2015 and Shri RR Dohare, Assistant Registrar, Recruitment Section; in addition to their normal duties. Prof. Kamal Poddar is available on Phone No. 259-7843/7293 and Shri Dohare is available in Room No. 224, 2nd Floor, Faculty Building at the Institute on Phone No. 2597391.

Implementation of reservation orders

The effective date of implementation of reservation for **SC**s and **ST**s in the direct recruitment is **5th September 1974** in this Institute and the implementation of reservation for **OBC**s and **PwD**s are w.e.f. the year **1995** and **1996**, respectively**.**

Maintenance of rosters/ Percentage of reservation

The Board of Governors had approved, in its meeting held on July 27, 1995, maintenance of 120 points vacancy-based roster for Group A [other than exempted posts (Points reserved in favour of SCs-20, STs-9, OBCs-31)] & B posts; and 100 points roster for Group C & D posts (Points reserved in favour of SCs-21, STs-1, OBCs-27) for direct recruitment at the Institute.

On the basis of Judgment passed by the Constitution bench of Supreme Court, the Government of India, Deptt. Of Per. & Trg., issued O.M. 36012/2/96-Estt. (Res.) dated July 02, 1997 vide which the above vacancy-based rosters have been revised into post-based rosters for the different category of employees in direct recruitment. The Board after due consideration accorded its approval, in its 1997/5th meeting held on December 05, 1997 for maintenance of post-based rosters.

Further, the Board of Governors of the Institute in its meeting held in May 2004, vide item no. 2004.2.13, has considered and **approved** the proposal for grouping of staff for the purpose of reservation and separate grouping of technical and non-technical posts. The proposal was as follows – the posts under Group-A, B, C & D would be grouped separately for technical and non-technical posts. However, there would be a single group under Group-D. Under this dispensation, there would be seven groups in all and as for as possible efforts would be made to provide adequate representation of SCs/STs/OBCs/PwDs to each post under the group. The proposal was approved in the context that grouping of posts would provide greater leverage for purpose of securing adequate representation for SCs/STs/OBCs/PwDs in the Institute

The Modified Assured Career Progression Scheme (MACPS) is in operation at present.

Concessions/ Relaxations

(a)   For Regular employees of IITs who are educationally qualified and otherwise eligible, can be considered for direct recruitment across the whole IIT system up to a maximum of 50 years of age. The due relaxation in upper age is made available for SC/ST/OBC/ PwD and Ex-servicemen candidates as per Central Govt. Rules;

(b)   SC/ST and PwD candidates are fully exempted from payment of application and registration fees;

(c)   To and fro TA is being paid to the candidates of all categories out of Kanpur to attend the interview [for Group-A- AC-II rail fare (Rajdhani Exp. also) / Chair car in Shatabdi Exp., for Group-B- AC-III rail fare (Rajdhani Exp. also) / Chair car in Shatabdi Exp. and for Group-C-2nd class sleeper rail fare];

(d)   Experience requirement is relaxable at the discretion of competent authority.

Employment notification

The recruitment for all academic posts of Institute is made through the press/ professional journals/ circulars to educational institutes etc.

During the period of report, the **detail of Advertisement** issued through Recruitment Section is as under:

Advt. No.	Name of Post(s)	Pay Band/ Grade Pay	SC	ST	OBC	UR	PwD @	Total	Published in
1/2015	Registrar	PB-4; GP:Rs.10000/-	-	-	-	1	-	1	All Editions of Employment News, University News, The Telegraph (Jobs), The Indian Express+ Financial Express+ Loksatta+ Jansatta, HT-Shine+HH-Shine+ Mint-Shine–(HH-Job Search+shinejob.com portal-complementary), Times of India (Ascent) Dainik Jagran (Nai Rahein + INEXT + Mid day Mumbai) – Deccan Herald, The New Indian Express, The Hindu
	Head, Health Centre		-	-	-	1	-	1	
	Executive Engineers	PB-3; GP:Rs.6600/-	-	-	1	1	-	2	
	Medical Officers	PB-3; GP:Rs.5400/-	1	-	1	1	-	3	
	Assistant Registrars		-	-	1	1	-	2	
	Students' Counselor		-	1	-	-	-	1	
	Principal	PB-2; GP:Rs.4800/-	-	-	-	1	-	1	
	Assistant Engineer	PB-2; GP:Rs.4600/-	-	-	-	1	-	1	
	Technical Superintendent		-	-	-	1	-	1	
	Assistant Security Officer	PB-2; GP:Rs.4200/-	-	-	-	2	-	2	
	Junior Engineer		1	-	-	-	-	1	
	Junior Technical Superintendent		2	3	2+1@	5	@	13	
	Junior Superintendent		2	-	2	4	2@	10	
	Senior Library Information Assistant		-	-	-	1	-	1	
	Physiotherapist		-	-	-	1	-	1	
	Junior Assistant	PB-1; GP:Rs.2000/-	4	-	4	7	-	15	
	Junior Assistant (Library)		-	-	-	1	-	1	
	Junior Technician		1	-	3	7	-	11	
			11	4	14+1@	36	2@	68	

Inclusion of SC/ST/OBC and Minority Community Member

One SC/ST/OBC member of comparable status and if minority candidates are short-listed for selection process then one member of Minority Community is included in the Selection Committee as a full member. For the period of report, the detail of Selection Committee meetings held through Recruitment Section is given below:

Total **33** Selection Committee meetings:

06 Selection Committee meeting, wherein SC and OBC representative included

08 Selection Committee meeting, wherein OBC representative included

05 Selection Committee meeting, wherein SC representative included

02 Selection Committee meeting, wherein ST representative included

06 Selection Committee meeting, wherein Minority Community representative included

Call letters for Interviews/ Appointment letters

1.　To ensure that the interview/ appointment letters are received by the candidates (including reserved category candidates) well in time – the interview/ appointment letters are being sent through ordinary/registered/speed post or courier to ensure delivery.

2.　Normally for interviews a minimum of three weeks' time and for appointments a minimum of one month's period of interval is being provided.

Reservation of Quarters

1.　The Institute has been allotting 1st in every ten qrs. to SC/ST employees, out of Type-1A, Type-1B Type-1 and Type-II Qrs. & 1st in every twenty qrs. in Type-III, and Type-IV Qrs. (only from the pool reserved for allotment to Officers other than faculty).

The available data related to house allotment is given below for the period under reference:

Type of house	Houses allotted to			
	SC/ST		GEN	Total
	As per Reservation	As per Seniority		
Type-IA	-	-	-	-
Type-IB	-	11	22	33
Type-I	-	11	33	44
Type-II	-	5	30	35
Type-III	-	-	15	15
Type-IV	-	-	8	8
Faculty Apartment	-	-	1	1
Type – V	No reservation	-	3	3

2.　There is no reservation in the quarters of Type –V (as these quarters are more or less allotted to faculty members and other eligible officers without any discrimination of caste and creed etc.)

Complaints/ Grievances

No letter received for redressal of grievance of a SC/ST/OBC and PwD employee under the period of report.

Any **Caste falsification** brought to notice is also followed up by the Cell. No new case came in notice.

Apart from the above, the data, as available for showing the **representation of SCs/STs & OBCs in other areas,** is given below:

A. Academic Staff

Area(s)	SC	ST	OBC	GEN	TOTAL
Appointments	-	-	-	28	28
Retirement	-	-	-	11	11
Deaths	-	-	-	1	1
Resignation	-	-	-	3	3
Termination	-	-	-	-	-
V/Retirement	-	-	-	1	1
Compulsory Retirement	-	-	-	1	1
Dismissal	-	-	-	-	-
Total	**-**	**-**	**-**	**45**	**45**

B: Non-Academic:

Area(s)	SC	ST	OBC	GEN	PwD	TOTAL
Appointments	18	3	32	30	3	86
Retirement	4	-	2	21	-	27
Deaths	-	-	-	2	-	2
Resignation	1	1	-	4	1	7
Termination	-	-	-	-	-	-
V/Retirement	-	-	-	-	-	-
C/Retirement	-	-	-	-	-	-
Dismissal	-	-	-	-	-	-
SVRS	-	-	-	-	-	-
Deputationists repatriated	-	-	-	-	-	-
Grand Total	**23**	**4**	**34**	**57**	**4**	**122**

Financial up-gradation under MACPS during 2015-2016

Sl. No.	Grade Pay		SC	ST	OBC	GEN	PwD	TOTAL
	From	To						
1	8900	10000	1	-	-	1	-	**2**
2	8700	8900	-	-	-	-	-	**-**
3	7600	8700	-	-	-	-	-	**-**
4	6600	7600	-	-	-	-	-	**-**
5	5400	6600	-	-	-	-	-	**-**
6	4800	5400	-	-	-	-	-	**-**
7	4600	4800	1	-	-	-	-	**1**
8	4200	4600	3	-	4	6	-	**13**
9	2800	4200	-	-	-	2	-	**2**
10	2400	2800	-	-	-	-	-	**-**
11	2000	2800	1	-	2	5	-	**8**
12	1900	2400	-	-	-	1	-	**1**
13	1800	1900	1	-	1	-	-	**2**
	Total		**7**	**-**	**7**	**15**	**-**	**29**

In addition to above, the data, as available for showing the **representation of SCs/STs/OBCs and PwDs related to existing strength** of the employees at the Institute, is given below:

A. Existing Strength of Academic Staff (Teaching/Non-teaching) as on 01.04.2016:

Recruited through DOFA Office

Academic	SC	ST	OBC	GEN	Total
Teaching	3	-	-	391	394
Non-Teaching	-	-	-	27	27
Total	**3**	**-**	**-**	**418**	**421**

B. Existing Strength of Non-Academic Staff as on 01.04.2016

Recruited through Recruitment Section

Group	SC	%age	ST	%age	OBC	age	GEN	Total	Mode of Selection	
									Contract	**Regular**
A	**09**	18.75	**01**	2.08	**10**	20.83	**28**	**48**	07	41
B	**64**	22.53	**12**	4.22	**46**	16.19	**162**	**284**	46	238
C	**45**	20.54	**0**	0.00	**55**	25.11	**119**	**219**	124	95
D	**30**	37.97	**0**	0.00	**08**	10.12	**41**	**79**	-	79
TOTAL	**148**	**23.52**	**13**	**2.06**	**119**	**18.91**	**349**	**629**	**177**	**452**

C. Existing Strength of Account-II Employees as on 01.04.2016
Recruited Through DORD Office

Group	SC	ST	OBC	GEN	Total
B	01	-	01	18	20
C	-	-	-	-	-
D	02	-	02	05	09
Total	**03**	**-**	**03**	**23**	**29**

D. The detailed summary of existing strength of non-academic staff and representation of PwD Employees as on 01.04.2016

Sl. No.	Classification of post (Whether belongs to Class I, II, III, IV or to Group A,B,C or D)	Total sanctioned strength	Number of persons in positions	No. of vacancies filled since 1996	Number of employees with disabilities out of column 6			Whether separate 100 point roster meant for PWD persons is being maintained	Current cycle and the number of points of current 100-point roster utilized so far
1	**2**	**3**	**4**	**5**	**6**			**7**	8
					OH	**VH**	**HH**		
1.	Group 'A'/ Class-I	**717** as per strength of	48	81	01	0	0	Yes	Cycle-1, Point upto 81
2	Group 'B'/ Class-II	**6520** students	284	278	07	0	0	Yes	Cycle-3, Point upto 78
3	Group 'C'/ Class-III		219	347	10	0	02	Yes	Cycle-4, Point upto 47
4	Group 'D'/ Class-IV		79	24	0	0	0	Yes	Cycle-1, Point upto 24

E. Existing Strength of Mess Employees as on 31.03.16

Recruited through COW Office

Group	SC	ST	OBC	GEN	Total
B	-	-	1	-	1
C	-	-	1	2	3
D	9	-	5	11	25
Total	9	-	7	13	29

The data as available for showing the representation of SCs/ STs/ OBCs related to the new students admitted in the year 2015-16 in various programmes/ disciplines at the Institute is given below:

Registration Data of UG Students for 2015-16- Ist Semester

B.Tech	SC	ST	OBC
AE	8	5	14
BSBE	7	0	11
CHE	12	6	20
CE	16	8	28
CSE	14	7	23
EE	20	11	35
ME	15	7	28
MSE	13	4	24
TOTAL	105	48	183

B.S.	SC	ST	OBC
CHM	4	1	8
MTH	8	5	13
ECO	6	3	10
PHY	4	2	6
TOTAL	22	11	37

M.Sc. (2 yrs)	SC	ST	OBC
Chemistry	6	3	12
Mathematics	5	3	11
Statistics	7	1	15
Physics	5	3	9
TOTAL	23	10	47

M.Sc.-PhD (Dual Degree)	SC	ST	OBC
Physics	0	0	1
TOTAL	0	0	1

Admitted Students of academic year 2015-16

M.Tech./MBA/ M.Des. Students	SC	ST	OBC
AE	2	0	16
CHE	1	1	6
CE	5	2	7
EE	6	1	14
ME	5	4	12
MSE	0	0	5
CSE	3	0	6
MSP	2	0	7
IME	3	0	4
MBA	0	0	2
NET	0	1	0
PSE	1	0	2
EEM	0	0	2
BSBE	0	0	1
ES	0	0	1
DES	4	0	4
TOTAL	32	9	89

Ph D students	SC	ST	OBC
AE	1	0	5
CHE	2	0	1
CE	2	1	1
EE	1	0	3
ME	2	0	3
MSE	1	0	2
CHM	1	0	10
MATH & STAT	1	0	2
PHY	1	0	3
PHY (Dual Degree)	1	0	1
HSS	0	0	1
CSE	0	0	0
MSP	0	0	1
IME	0	0	0
NET	0	0	1
PSE	0	0	0
BSBE	1	0	5
ES	2	0	0
DES	1	0	0
TOTAL	17	1	39

RAJBHASHA PRAKOSHTHA

IIT is an Institute of national importance where students from all over the country and abroad are admitted for higher education in Science, Engineering, Technology and Humanities disciplines. Therefore, the English language has been adopted as the medium of the instruction/syllabus, research and academic activities.

Rajbhasha Prakoshtha is doing all possible efforts in creating awareness of usage of Hindi among the Institute employees/students. Sansthan Rajbhasha Karyanvayan Samiti which was constituted by the Director, monitors and provides guidelines to the Rajbhasha Prakoshtha in its planning, performance and activities. The said Committee holds meetings for promoting the atmosphere of Rajbhasha in the Institute throughout the year. In view of disseminating Rajbhasha in the Institute, Rajbhasha Prakoshtha conducts various activities like organization of Hindi Divas, Hindi fortnight, Hindi workshops/seminars etc.

Quarterly newsletter 'SAJAG' and half yearly Magazine "ANTAS" are published in Hindi. The press release and invitation cards of the institute programs are made and issued bilingually. All periodical reports are being sent to the Ministries and Nagar Rajbhasha Karyanvayan Samiti (TOLIC) timely.

In compliance with the directives of Department of Official Language, Ministry for Home Affairs, Hindi fortnight was observed by conducting various competitions in the month of August and September 2015 along with Hindi Divas Samaroh held on 14 September 2015 in which winners of the various competitions were honored by presenting Hindi literary/grammatical books. On the occasion of Hindi Divas Samaroh, around 34 employees were also honored with the cash prizes. In compliances to Section 3(3) of Official Language Act, 1963, Prakoshta receives Office orders/Circulars/Notices/Annual report/ Annual account report from Directorate, Administration, Registrar Office, Account Section etc. and translate them immediately into Hindi so that the Institute could achieve the target prescribed by the Department of Official Language, Ministry for Home Affairs.

Further, Rajbhasha Prakoshtha arranged training programmes for clerical staff in Hindi Typing, along with Prabodh, Praveen and Pragya under the policy of Hindi Shikshan Yojana, Department of Official Language.

Rajbhasha Prakoshtha is dedicated for the upliftment of Hindi in the Institute. Rajbhasha Prakoshtha is always ready to co-ordinate with each and every Department/Section of the Institute in implementing the orders and directives received time to time from Department of Official Language, Ministry for Home Affairs and Ministry for Human Resources & Development, Govt. of India.

MEDIA TECHNOLOGY CENTRE

The Media Technology Centre, at IIT Kanpur constantly focuses on the maximum utilization of the facility provided by the centre for the enhancement of information and technology. These efforts are made by and for the growth of the faculty, staff, and students. A collective effort of many helps us to reach the required target.

National Program for Technology Enhanced Learning (NPTEL)

NPTEL is a joint initiative of the MHRD, the seven IITs and IISc Bangalore. The operational objective of NPTEL is to make high quality learning material available to students of Engineering & Science Institutes across the country by using the advances in communication technology. The target group consists of students and faculty members of institutions offering undergraduate engineering/ science/ management programs in India.

The initial commitment was for developing 80 courses. However, IIT Kanpur has successfully developed 138 courses covering all disciplines of Engineering, Sciences, Humanities and Management. From mid 2014 onwards IIT Kanpur, along with the other IITs and IISc Bangalore, moved a step forward and started developing Massive Online Certification Courses (MOOCs).

IIT Kanpur has developed 18 MOOCs courses between January-April, 2016. With this, IIT Kanpur has reached a landmark of completing 50 MOOCs courses since January 2015. Coming semester, starting July 18th, 30 courses out of which, 25 are fresh courses 4 are rerun courses and 1 is repurposed course. These courses are being developed by the faculty members at IIT Kanpur. Since January 2016, 38 colleges have been given NPTEL course contents, duly copied from our office. Since January, 2016 a fund of Rs.3, 58, 65000/-(Three Crores Fifty Eight Lakhs and Sixty Five Thousand) have been received from IIT Madras for developing the above mentioned 48 courses.Besides this, IIT Kanpur has completed text transcription for 11 courses as well. We plan to complete text transcripts of another 6 courses within this year.

Institute Website

A dedicated web team with five members in the Media

Technology Centre are maintaining almost all the websites of institute. These websites include websites of all Departments, Dean Offices, Centres, Labs and various Programmes running within the Institute. During the last year the team has re-developed almost all the major websites of the institute and have also made them live. These websites have better features in the graphic interface and usability matters. The aim of the project is to appropriately organize the information and work towards creating a good visual branding for the Institute through its websites, keeping this in mind institute website team is putting their diligent efforts to revamp every website running within institute. Some recent websites made live by the team are Health Centre Website, Material Science & Program Website, Store & Purchase Section Website. Along with these some more websites are ready for launch and will be made live as soon as they will get approved from their respective departments these websites are Estate office Website, Institute Works Departments Website, and DORD Intranet Website. Besides this the team has also setup Hindi websites for every department of Institute and is working on these websites along with Institute's Hindi Cell's help and support. Institute's Hindi Website and Health Centre's Hindi Website has already been launched.

FM 90.4 Community Radio Station

IITK Community Radio continues to aim at broadcasting content relevant program to the local community as well as the student body in and around the campus. IITK CR provides a platform for enabling individuals, the student body and the community to share and express their stories, experiences and needs which contribute in structuring the modules. Our aim is to bring out the unheard voices of the surrounding community and offer them a platform to showcase their talent and in return we offer a variety of content through our programmes to spread awareness in rural and semi-rural areas.

In the year 2015-2016 IITK community radio station aired a series like Naya Savera which broadcasted programmes on child health care with pediatricians on issues like breast feeding, malnutrition, ORS solution usage and more. On demand of the community we also air musical programmes like Aap ka saath Aap ki baat, Old is Gold and Bollywood Break which air requested songs from our listeners. Interviews of known achievers (students, community members and locals) are aired to provide inspiration to the student body in and around the campus; this in turn has increased community participation and listenership. Story Time and Nannhe Munno ke liye Karikram are programmes which feature English and Hindi stories for the children of our community. Just like every year a Radio Jockey Workshop was organized in order to help the community visualize the importance of radio. Our aim is to create interest in the mind and hearts of our listeners and raise awareness about the real aim of a community radio.

Design Programme and HSS

Student of the Communication Design in the Design Program have an academic relevance to the resources of the centre. Students continue to exhibit their ample creative talents by producing social ad campaigns, documentary films, radio jingles and various web applications exploiting the varied domains of media arts. Besides, there are undergraduate students of HSS Level 1 and 2 courses who utilize the resources to work on the video assignments.

Revamping of the Production Studios and Editing facilities

We have adopted a multiple-camera mode of production for shooting our programs. It is typically a three camera set up employed on the set that simultaneously record a scene. Generally, the two outer cameras shoot close shots on the set at any given time, while the central camera shoots a wider master shot to capture the overall action. In this way, multiple shots are obtained in a single take without having to start and stop the action. The live audio and video feed from the cameras of the production floor are send to the production control room that ensures mixing and switching of the multiple footage at the original, highest-quality through the Video Switchers and Audio Mixers and recorded on HD Recorders. The digitized video and audio data is then imported to hard disks from the digital tapes through these recorders. Once on disk they are edited on a computer using wide range of software. Compared to the linear method of tape-to-tape editing, the non-linear editing offers a flexibility of film editing, with random access on the source material and easy project organization. The non-linear editing platforms provide numerous options and effect for assembling video clips, audio tracks, graphics and other source material into a presentable package. Once this process is over the edit footage is recorded back to tape or disk and delivered to the clients. The recordings of video lectures created under NPTEL are now being converted into a streaming format for the benefit of students of the institute.

The co-operation and synchronized team work by the members of our team is helping us put a steady foot forward in achieving our targets and giving education a new dimension.

INSTITUTE ARCHIVES UNIT

The unit has completed preservation of requisite documents of faculty members as received from the DOFA office. As per the decision of the Archives Committee, now the unit has initiated preservation of following documents from files of staff members received from the Registrar's office- (i) initial bio-data (ii) appointment letter (iii) subsequent promotions (iv) major awards.

INFRASTRUCTURE AND PLANNING

In order to facilitate efficient maintenance of existing IIT Kanpur infrastructure (which has significantly increased in recent years) and for planning and construction of future infrastructure, the office of Dean of Infrastructure and Planning (DOIP) was established in August, 2014 by the Board of Governors, IIT Kanpur. Prof. Onkar Dikshit, Department of Civil Engineering, took over the charge of the first Dean of Infrastructure and Planning on 1 August 2014. Prof. Samit Ray Chaudhuri (Associate Professor, Department of Civil Engineering) was appointed as the Associate Dean for Physical infrastructure (ADPI) and Dr. Ashish Dutta (Professor, Department of Mechanical Engineering) as the Associate Dean of Digital infrastructure (ADDI) to assist DOIP for smooth and efficient functioning of the DOIP office. Recently, Prof. Y. N. Singh, Electrical Engineering Dept. has replaced Prof. Ashish Dutta as the ADDI. The DOIP office is presently set up in Room Nos. 251, 253, and 280 of Faculty Building, IIT Kanpur in addition to office of Prof. Y. N. Singh in the Computer Center.

Organizational Structure

Various units/sections related to physical and digital infrastructure, such as Computer Centre, Institute Works Department (IWD), Office Automation, Visitors Hostel and Allied Facilities, are coordinated by the Office of the Dean (DOIP). The office of DOIP has adopted various policies and measures to support, improve and facilitate the functioning of various departments/sections within the institute. A list of selected policies adopted by DOIP include:

- **Policy on archiving of Infrastructure and Planning documents:**
  - ◎ All documents related to existing structures in the institute and all upcoming/Ongoing Infrastructure projects will be archived in a Central Server at the DOIP office.
  - ◎ A comprehensive database for construction projects and space within the institute will be established.
  - ◎ Structured framework for archiving construction activities provided by IWD will be established. The required documents include Design Documents, Maps: Utility networks in Geospatial environment, all relevant drawings, cost estimates and project schedules.
- Creating a georeferenced plan for all buildings and structures and establishing a geospatial database.
- Maintenance of better distribution and allocation of work space among various departments based on space audits by IWD, which are compiled and analyzed at DOIP office.

- Policy on Handling and Dumping of Construction and Demolition waste (CDW):
  - ◎ Adopted policies for making a cleaner campus and to sustain and enhance green cover in campus in consultation with Green Cell. These include prompt removal of CDW upon completion of construction activities, waste disposal at designated dumping areas, clarity of contract documents for dumping CDW waste, etc.
  - ◎ Steps to recycle existing stock of CDW for all upcoming road/footpath construction in the institute, wherever possible.
  - ◎ Erected pillars to mark pristine area around the campus for better eco-friendly space planning.
  - ◎ Energy efficiency lighting and various other energy conservation measures have been initiated.
  - ◎ Various measures have been taken to improve the traffic safety including installation of raised pavement marker, speed breaker, curved mirrors at blind turns and bright LED street lights.
  - ◎ Steps have been taken to improve the overall quality of restrooms (toilets) in academic areas and public places.
  - ◎ Steps taken to improve the conditions of the existing residential buildings by implementing better specifications.

The major administrative measures implemented by the DOIP office include:

- Introduced a structured program to handle all requests related to renovation of office space, labs/new space request/request new construction, etc.
  - ◎ Asset based tracking aided by a unique reference ID which will help in identifying the expenditures on individual campus assets till date.
  - ◎ Assist in critical decisions making related to new building requirements and life cycle cost assessments.
  - ◎ Assist in tracking construction activities based on requests from inception to completion and collect user feedbacks for better functioning of infrastructure units under DOIP.

◎ The program will be fully automated by the end of this year and is expected to assist Dean's office in tracking all construction works done in the institute.

· Overall control and monitoring of all construction activities (Planned/Ongoing /Maintenance of existing structures) and other infrastructure units:

Technical documents related to the construction and maintenance of infrastructure units are scrutinized by DOIP office and approved by ADPI /DOIP before financial sanction by Deputy Director/Director.

DOIP office also assists in contract management of all existing administrative and construction contacts to ensure quality service from contractors and external agencies.

Further, the following noteworthy works, which are under progress/completed till June 2016 are listed here:

· Construction of Hall of Residence for Boys No. XII, Blocks A & B: The building is six storied and there are 6 blocks, in each hostel. There will be 24 double seated rooms and 52 single seated rooms (100 seats in each block). There will be provision of 4 nos. double seated guest rooms. The dining hall with 300 student dining capacity with kitchen and workers room. The hostel has the hall office, T.V room, table tennis room, library room, computer room, multipurpose hall, Canteen with kitchen and three shops. In each block, there will be one 8 passenger lift and in between 2 blocks, there will be 1 passenger bed lift to accommodate stretcher and wet riser for firefighting.

· Construction of 48 nos. multi-storied Residential Apartment: The building blocks G+6 storied RCC framed structure. There are 4 flats in each block at each floor level from 1st to 6th. The unit flats shall have 3 bed rooms with attached balcony, 2 toilets out of which one shall be attached with master bed room, study room, kitchen with store and a drawing & dining room. There are two passenger lifts in each block out of two, one passenger lift shall be able to accommodate a stretcher. At the fourth floor a projected balcony has been added for aesthetic and utility reasons. The building has all the provision of automatic fire alarm system, wet riser for firefighting and a fire escape staircase. For energy saving, the building has all the outer walls cavity with insulation as per the requirements, overdecks up to the extent possible, water saving plumbing and sanitary fixtures, recycled water for flushing, energy saving LED lighting fixtures.

· Construction of Hall of Residence for Girls (Phase –II): The construction of Girls Hostel was planned in two phases. (a) Phase-I: The building was G + 6 storied RCC framed structure to accommodate 164 double seated rooms. (b) Phase – II: It has blocks of rooms which is G + 7 storied RCC framed structure to accommodate 419 single seated rooms, 4 nos. double seated and 02 nos. single seated guest rooms. It has facility common area block which is G + 2 storied RCC framed structure to accommodate dining hall, kitchen area with store, TV & TT hall, library, shops (4 nos.) and space for parlour.

· Construction of Animal house: The building is G + 2 storied RCC framed structure to accommodate the Animal House Facility. The building has animal rooms (12 nos.) with provision of separate dirty and clean corridors, wash and Autoclave room, behavioral room on each floor.

· Construction of 56 Nos. Type –II multistoried apartments: The building is G + 7 storied RCC framed structure to accommodate 56 flats. The ground floor has stilted area for parking, electric room, and children playing areas. The first to eighteen floors has eight flats on each floor and each flat comprises bedroom (2 nos.), combined drawing / dining room with bad room, toilet (02 nos.), kitchen with utility balcony.

· Construction of International Students Housing facilities: The building is G + 5 storied RCC framed structure with a provision of 55 room for boys, 30 rooms for girls and 18 studio apartment for couple.

· Construction of building for flexible electronic centre: Initially the building was planned for G + 7 storied RCC framed structure to accommodate National Aerosol facility and NET program, but due to budgetary constraints building for National AEROSOL facility is taken up which is G + 3 storied.

· Structural repairing and external painting in facility building: Structural concrete of Faculty building is deteriorating due to aging therefore the work of structural repair is taken up to increase the life span of a Faculty Building.

· Construction of facilitation block and service block at IIT Kanpur extension centre NOIDA (SH: Electrical works): The work is required to provide electrical wiring for newly construction building.

· Providing DG set at various locations.

· Construction of 11kV/433V new substation near faculty apartment.

· Air-conditioning of western lab 3rd floor room No.301 to 304 through central chilled water system

· Replacement of 100 window ac more than 20 years old.

· Replacement of old defective AHU of 3rd floor ACES building with new AHU of 18000 CFM capacity under buyback with associated works.

SAFETY REPORT

Following safety initiatives for identifying unsafe conditions/ unsafe acts and making the personnel aware about safety were taken up by safety cell:

Safety Audit: Safety cell carried out periodic safety audits of laboratory, construction sites, utilities and other areas to identify the safety hazards and unsafe conditions related to electrical, fire, mechanical, civil, construction, chemical safety. This year approximately 106 such audits were carried out.

Safety Training: The Safety Training on laboratory safety practices, fire safety, electrical safety were conducted periodically. Approximately 210 persons participated in these programmes.

Accident / Incident Investigation and Reporting: The safety cell conducted the accident /incident investigation of all major and minor incidences and the corrective measures were suggested for non recurrence of similar incidences in future.

Safety Appliances: Institute provides personal protective equipments to all laboratory research work, fire extinguishers, fire detection system and other safety items. The contractors are strictly advised to issue the same to their employees.

Modification / New Facility: Al the modifications and new facilities are weighed from safety point of views by safety cell. After the clearance from safety angle the modification/new facilities are taken up.

FINANCE

The Institute has a decentralized financial management structure, organized largely by the primary source(s) of funds.

The Institute's Main Account switched to accrual accounting in a significant manner in FY 2012-13. All other accounting units however continued to report their financials on cash basis until FY 2014-15. Ministry of Human Resource Development (MHRD), the administrative ministry of the Institute, vide its letter no. 29-4/2012-IFD dated 17 April 2015, required that FY 2014-15 accounts be reported on accrual basis, and unlike previous years, consolidated accounts of the Institute be also prepared and reported. MHRD also issued comprehensive guidelines, format of accounts, and chart of account with its letter of 17 April 2015.

As the guidelines were received after FY 2014-15 was already over, the Institute, with due approval of its Board of Governors (BOG), deferred the exercise to FY 2015-16. The unaudited FY 2015-16 accounts are in compliance with MHRD letter of 17 April 2015; copy of the accounts available with the title '2015-2016 Consolidated and Individual Accounts (unaudited)' and can be accessed at the following link:

http://www.iitk.ac.in/new/annual-accounts

Following are the highlights of Institute's FY 2015-16 unaudited financials:

- ¤ Balance sheet size of about Rs. 3,000 crore, without any valuation added for the IIT brand;
- ¤ Operating income and almost matching operating expenditure of about Rs. 800 crore (including several exceptional items due to switch over from cash based to accrual accounts);
- ¤ A modest operating surplus of about Rs. 5 crore, made possible by surpluses generated by R&D activities, GATE and JEE offices, and Visitors' Hostel;
- ¤ Fully utilized MHRD sanctioned Non-Plan and Plan budgets of about Rs. 200 crore each;
- ¤ Funds receivable from MHRD at over Rs. 120 crore as on 31 March 2016, of which the sanctioned component of Rs. 70.60 crore was received on 2 April 2016; and the balance Rs. 49.40 crore, against Salary, Pension and Scholarships heads, compared against MHRD sanctioned budgets, is awaited;
- ¤ Plan budget funded capital expenditure of Rs. 139.30 crore, and an additional about Rs. 1 crore funded by Institute's operating surplus.
- ¤ Table below presents the summary financials: