



Annual Report

2013-2014



DEI

**Dayalbagh
Educational Institute**
(Deemed University)
NAAC Accredited 'A' Grade



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2013-2014



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NAAC Accredited 'A' Grade

Dayalbagh, Agra-282005, U.P. (India)

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EXECUTIVE SUMMARY

ANNUAL REPORT 2013-2014

Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra

Located in the serene lush green and clean environment of the North-East part of Agra, Dayalbagh Educational Institute is a Deemed University, which is founded on a value-based innovative education system with a mission objective to evolve a complete all-rounded student who can face any challenge of the society and is capable to fit in the global market.

The DEI has set up its Vision 1981-2031 with crystal clear objectives with excellence in teaching and research. Due to its high standards of innovation in teaching and research, the University was honored to receive "A" Grade by the UGC, NAAC in 2014. The University was also ranked **Eight** among 126 Deemed Universities/ Institutions of Higher Learning in India by the Ministry of Human Resource Development in the previous year.

Six Sigma: 6 Sigma Approach has been framed by the most Revered Chairman, Advisory Committee on Education, Prof. P.S. Satsangi Sahab which aims at achieving excellence in teaching and research through 'Quality', 'Value', 'Innovation', and 'Creativity', in the following areas: Innovation in Education Policy, Air Quality Monitoring, Water Quality Monitoring, Agriculture and Dairying, Value- Education & Women's Empowerment.

In its pursuit of quality education, DEI has instituted an Internal Quality Assurance Cell (IQAC) based on the specific guidelines of the National Assessment and Accreditation Council, an autonomous body set up by the UGC.

The Institutes caters educational need of society from pre-primary to Doctorate and Post-Doctoral level by the highly qualified administrative and academic staff. It has well developed academic and administrative structure. With its growing reputation, strength of staff and students is rising every year.

DEI also runs two Technical Colleges one for girls and one for boys, and two Intermediate colleges, one for girls (DEI Prem Vidyalaya Intermediate College) and one for boys (DEI REI Intermediate College).

The result of various examinations remained 95% to 100%. Ms. Meher Goyal received President's Medal for securing highest marks in all Undergraduate classes whereas Ms. Jyoti Chaturvedi received it for securing highest marks at Post Graduate level. A total of 99 students were awarded Director's Medal for securing highest marks in various Under-graduate and Post -graduate, and M.Phil. level. Forty three students were awarded the degree of Doctor of Philosophy in the 33rd Convocation.

Students are placed in Industries (e.g. Maruti, Volvo Eisher, TVS Motors, Honda Cars, Kothari Silk Mills etc.) and MNCs (like HCL, TCS, HMSIL, IBM, AC Neilson, etc.).

Students are given the opportunity for multiple entry and multiple exit and for vertical and horizontal progression among Conventional, Vocational, and Technical Education streams. It also offers Integrated programs of study such as BBM-MBA-M.Phil. and Ph.D.; B.Sc.- M.Sc.- M.Tech. in Computer Science; PGDBE-M.A.Economics- M.Phil.; PGDT-M.Phil.- Ph.D. &c.

The Institute has adopted an eleven point grading system for assigning rank to a student.

During the financial year 2013-14, UGC sanctioned Rs. 2045.94 lakhs as Maintenance Grant and Rs. 50.00 lakhs as 12th Plan General Development Grant. The U.P. Government has sanctioned a grant of Rs.

1845.89 lakhs for 2013-14 as regular salary grant, and Rs. 6.69 lakhs for National Service Scheme. The income from non-government sources amounted to Rs. 1505.42 lakhs.

Progress in research is evident from the number (59) of ongoing research projects worth rupees 2652.84 lacs. The UGC has sanctioned Start up grant of Rs.6.00 lakh each to newly appointed teachers in the Department of Botany and Physics. Different Departments of the University have received various research schemes like DST-Fist, UGC-SAP, and Innovative Programme.

Our students also recipient of various Fellowships and Scholarships given by the UGC, ICSSR, CSIR, DST etc. Three Post- Doctoral Fellowships have been awarded to women Scholars of the Institute. Various agencies such as DST, UGC, MHRD, DAE, ICSSR, CSR, DIT, DBT, and AICTE, have awarded Research projects to most of the departments.

With the rise in the students' strength, the university has also expanded its Infrastructure interms of construction of new buildings, development of ICT, purchase of Computers, Printers, Equipments, Furniture, and other Fixed Assets.

“It is not a big University or big building or larger number of teachers or larger number of departments which raises the status of a University. It is the quality of the work that makes a University great.”

Revered Professor M.B. Lal Sahab
Founder Director, Dayalbagh Educational Institute



Dayalbagh Educational Institute

While education builds one's physical and mental capacities, a value-based education system lend a purpose to one's life. Therefore, quite evidently, it is of paramount importance to entwine an education system with values which give life a direction. This helps us to realize our worth and utilize our energies in the right direction to maximize the positive output.

Dayalbagh Educational Institute has sensed the need of this century and therefore, we believe in creating individuals who are holistic and humanistic instead of individuals who are driven by sheer avarice. DEI aims at producing individuals who earn their degree with dignity and behave like a truly educated person. These individuals will act as agents of change who shall make this world a better place to use in.

Since its inception, DEI has witnessed multidimensional growth. DEI Education Policy lays emphasis on cooperative entrepreneurial education with multiple linkages ranging from household to international industry

sector through SEZ-NDBS, Satellite Big Villages(B), Satellite Medium Villages(M), Satellite Small Villages (S) framework for development of MSMEs in the country. The Founder of Dayalbagh, His Holiness Sahabji Maharaj said, "Education, more education and education made perfect, is the only panacea for all our country's ills and evils."

Thus, undoubtedly the elixir of perfect education can transform the human beings by taking them closer to the inner self and opening the inner eye. Dayalbagh Educational Institute endeavours to metamorphose 'man' into a 'human being' through its unique value based education which elevates him to a higher form of life- rich in intellectual, technological, moral, artistic and spiritual values.

There are three levels in Dayalbagh Educational pattern - one is the foundational education level i.e. primary level or the middle school level, then there is progression to higher education and university education. At the third stage of the hierarchy there is highest level of spiritual education which takes the education beyond the gross physical material plane, thus envisaging transcendence from *Aparavidya* to *Paravidya*.

The institute has been gloriously marching ahead with its firm conviction in "Work is Worship". Just to mention some milestones - in 2004 it established Women's Polytechnic and the same year commenced the Distance Education Programme. The landmark year 2008 witnessed the Establishment of DEI-ICT Distance Education Centre at MTV Puram, Tamil Nadu & Soami Nagar, New Delhi. In 2009 DEI-ICT Distance Education Centre at Rajaborari-Timarni, District Harda, MP was established. In 2010 was established the Quantum-Nano Systems Centre: Research and Technology Park.

The glorious journey with the spirit of "why not?" continued with the establishment of DEI-ICT Distance Education Centre at Bangalore and the Centre for Consciousness Studies at DEI in 2011. More recently in 2014, DEI-ICT Distance Education Centre has been established at Murar (Bihar). A glance at the past and its uninterrupted continuity culminating in the present makes us rapturous as now the programmes are offered in 87 Study Centres in India and 7 abroad. The institute has also evolved a unique concept of e-DEI-de to offer fully-online delivery of certificate Courses, Diplomas and Degree programmes through e-DEI-Distance Education.

The Institute strives to impart innovative and comprehensive education at university and non-university general and technical education levels which aims at excellence but not at the cost of the relevance. The mission objective of DEI is the development of "complete man". Its comprehensive, integrated and inter-disciplinary education aims to provide students not only a first rate broad based academic education, but also to learn some craft or industrial technique or learn to till and toil with their hands, to imbibe basic human values, spirit of tolerance and respect for other religions and to get prepared for the service of mankind with devotion and dedication.



Dayalbagh Educational Institute

On 16th May, 1981 Dayalbagh Educational Institute (DEI), Dayalbagh, Agra, received the Honour of the status of Deemed University by the Government of India under Section 3 of the University Grants Commission Act.

Location:

Dayalbagh Educational Institute is located at Dayalbagh in Agra, Uttar Pradesh, India. Its geographical coordinates are 27° 13' 0" North, 78° 1' 0" East. Dayalbagh is a self-contained colony renowned for its serene environment, pollution free, and secular establishments, in which its inhabitants lead an active, disciplined, and cooperative community life, conforming to the high spiritual ideals of their faith.

Area: 17.8 Hectares

Covered Area: 57101.5 Square Meters

Working Days in the University: For Instruction-248, For Research 288

Mission:

Since its inception in 1981, the University has successfully implemented an innovative, comprehensive and value based education system with the mission objective of evolving a complete man (a well-rounded total quality person). The education system fosters academic excellence along with holistic development and aims to bring about physical, intellectual, emotional and ethical integration of the individual. In pursuance of its mission objective the DEI's innovative curriculum also includes core courses which encourage the all-rounded development of the individual viz, Cultural Education; Comparative Study of Religion; Scientific Methodology, General Knowledge and Current Affairs; Rural Development; Agricultural Operations; Social Service; and Co-Curricular Activities. It also includes work based training programmes that take the form of practical training in areas related to the major subjects. The distinguishing feature of DEI's education policy is its emphasis on combining excellence with relevance to contemporary needs.

Vision 2031

The Dayalbagh Educational Institute has embarked upon a bold initiative, VISION 2031 and formulated a comprehensive and progressive Strategic Plan for 2012-2031, with the goal to become a top teaching-cum-research Institute through an exemplary system of education. To establish Total Quality Management across all activities of the University, the Plan encompasses undergraduate and postgraduate education, research, infrastructure, information and communication technology and campus development.

Keeping in line with the Institute's unique scheme of innovative, comprehensive, inter-disciplinary and value-based education that fosters academic excellence with holistic development, the Strategic Plan is a road map for providing an environment to produce well-rounded students who are ready to take on challenges and be leaders with a fine blend of top quality academics, work-experience and a strong value system.

The Strategic Plan is action-oriented and embodies the spirit of "Why not?" It will be implemented in four phases, each of five years, with clear targets set for each phase.

The Institute has accepted this challenge and is confident of achieving success with the cooperation of faculty, staff, students, alumni and all other well-wishers.

“The D.E.I. Education Policy is an innovative, comprehensive and flexible higher and technical education policy with the mission objective of evolving a “complete man” (total quality person), which conforms to the concept of total quality management and is geared for transformation of India to a knowledge society.”

Revered Professor P.S. Satsangi Sahab

Chairman, Advisory Committee on Education,
Dayalbagh Educational Institutions and

Former Director (1993-2002), Dayalbagh Educational Institute

NAAC ACCREDITATION & MHRD RANKING:

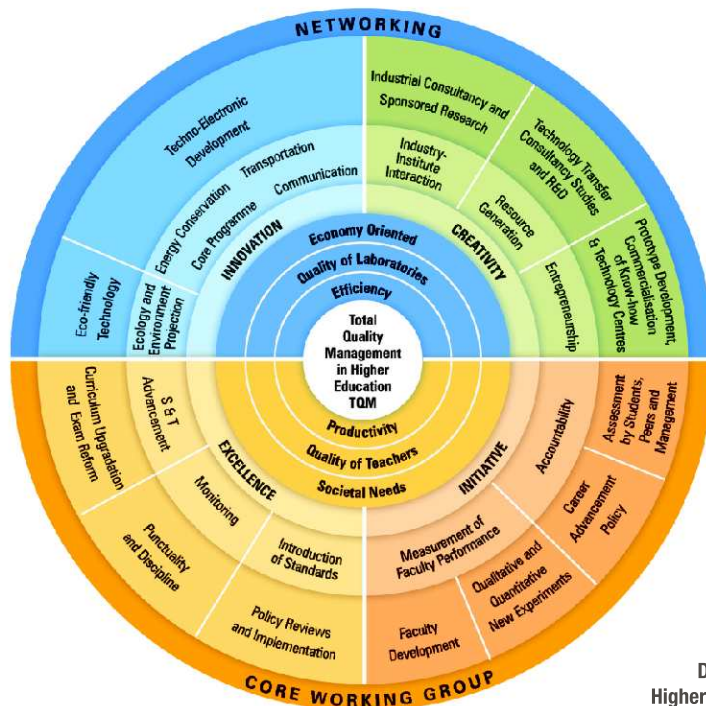
The DEI was honoured to receive “A” Grade by the NAAC, UGC. DEI was ranked eighth among 126 Deemed Universities/Institutions of Higher Learning in India by a high power committee set up by the Ministry of Human Resource Development.

Focus on Quality

Using the medium of an innovative, comprehensive and flexible education policy, DEI attempts to chisel out the total quality person through a persistent focus on imparting quality education. In its pursuit of quality education, DEI has instituted an Internal Quality Assurance Cell (IQAC) based on the specific guidelines of the

National Assessment and Accreditation Council, an autonomous body set up by the UGC.

The activities of the IQAC envelop the University central administrative structure, University departments and every component of the University system.



A conceptual model for the Total Quality Management (TQM) framework through which DEI endeavours to achieve quality in Higher Education (Professor P.S. Satsangi, 2002, 'TQM in Higher Education and Technical Education')

Six Sigma: 6Sigma Approach has been framed by the most Revered Chairman, Advisory Committee on Education, Prof. P.S. Satsangi Sahab which aims at achieving excellence in teaching and research through 'Quality', 'Value', 'Innovation', and 'Creativity', in the following areas:

- Innovation in Education Policy Use of Renewable Energy
- Air Quality Monitoring: Air quality is continuously monitored, measures are adopted to improve the quality of air such as ban on use of vehicles in the campus, use of Solar Power, planting more and more trees in and around the campus etc.
- Water Quality Monitoring: Special effort is being taken to prevent water pollution. Regular testing of potable water is done. Water storage tanks are disinfected periodically.
- Education and Health Care:
- Agriculture and Dairying:
- Value- Education & Women's Empowerment

All the above mentioned six Sigmas are engrained in the Education System of our University. DEI encourages students and teachers to innovate and create solutions to improve quality of life of the common man who is last link in social chain. Six areas so identified, together can improve the quality of life of a commoner thus, transforming our social system.

Major Change: Prof. V.G.Das, completed his tenure as the Director of the Institute and the charge was taken over by Prof. P.K.Kalra, former Director, IIT, Jodhpur, Rajasthan on 14th September, 2013.



Prof. V.G. Das, M.Tech., Ph.D.



Prof. P.K. Kalra, M.E., M.Tech., M.S., Ph.D.

ORGANIZATIONAL STRUCTURE

The top administration of the Institute consists of the following:



President
Shri Prem Kumar
I.A.S. (Retd.)



Director
Prof. P.K. Kalra
M.E., M.Tech., M.S., Ph.D.



Registrar
Prof. Anand Mohan,
M.Sc., Ph.D., F.N.A.Sc., F.A.Sc.



Treasurer
Smt. Sneh Bijlani
M.Sc., I.R.S. (Retd.)

Administration:

- Administrative Officer (Computers) : Mr. H.K. Khanna, MSc
- Assistant Registrar (Academic) : Dr. P.K. Sinha, MSc, PhD
- Assistant Registrar (Accounts) : Dr. Amar Prakash, MCom, LLB, PhD
- Assistant Registrar (Administration) : Mr. C.B.S. Yadav, MA

Administrative and Academic Bodies:

• Primary Body

The Primary Body of the Institute consists of 25 members which includes the President (Chairman), Director, Treasurer, Deans of Faculties, six members nominated by the General Body of the Institute; a nominee of the Ministry of Education, Government of India; Secretary Education, U.P.; a nominee of the All India Council for Technical Education; one nominee each of the three educational societies, viz. the D.E.I. Women's Training College Society, the D.E.I. Engineering College Society and the Managing Committee of the Radhasoami Educational Institute of Agra; a nominee of the Dayalbagh Medical Relief Society; a nominated trustee of the Dayalbagh Education Trust and two nominees of the President of the Institute. The Registrar is the ex-officio Secretary of the Primary Body. Generally, the Primary Body meets once every year.

• Governing Body

The Governing Body of the Institute consists of 15 members which includes the Director (Chairman), Treasurer, two Deans from amongst the Faculties of the Institute by rotation; a nominee of the Ministry of Education, Government of India; a nominee of the Chairman, UGC; Director, Higher Education, U.P.; a nominee of the Academic Council of the Institute from amongst its members; a nominee of the Radhasoami Satsang Sabha, Dayalbagh; a nominee of the Managing Committee of the Radhasoami Educational Institute of Agra; a representative each of Industry and Agriculture of Dayalbagh nominated by the President of the Institute; three eminent educationists and technologists nominated by the President of the Institute. The Registrar is the ex-officio Secretary of the Governing Body. The Governing Body meets as often as necessary.

• Academic Council

The Academic Council of the Institute consists of the Director (Chairman); Deans of Faculties; Heads/Incharges of all teaching departments in the university faculties, who are not Deans; a member of the teaching staff of each faculty not below the rank of a lecturer who is not the Dean, Head or In=charge from each Faculty in order of seniority by rotation; Principals of all the non-university educational institutions; the Director of Technical Education, U.P.; a nominee of the Chairman, U.G.C.; two specialists in Industry nominated by the Governing Body and five eminent members in the field of Arts and Culture, Commerce, Education, Engineering and Science nominated by the Governing Body. The Registrar is the ex-officio Secretary of the Academic Council. The Academic Council meets as often as necessary.

• Finance Committee

The Finance Committee of the Institute consists of Director (Chairman), Treasurer, a nominee of the Department of Finance, Government of U.P. and two nominees of the Governing Body, one of whom is a Dean and a nominee of the U.G.C. The Registrar is the ex-officio Secretary of the Finance Committee. The Finance Committee meets at least twice every year.

• Managing Council for Non-University Technical Educational Institutions

The Managing Council for the Non-University Technical Educational Institutions consists of the Director (Chairman), Treasurer, Principals of the non-university technical educational institutions, one teacher from the non-university technical educational institution not below the rank of lecturer by rotation in order of seniority, two nominees of the Governing Body from its members; Director, Technical Education, U.P., one nominee of the Northern Regional Office, A.I.C.T.E., one nominee of the Managing Committee of the Radhasoami Educational Institute of Agra and two eminent persons not members or employees of the Institute nominated by the President. The Registrar is the ex-officio Secretary of the Council.

• Managing Council for Non-University General Educational Institutions

The Managing Council for the Non-university General Educational Institutions consists of the Director (Chairman), Treasurer, Principals of the non-university general educational institutions, one teacher from the non-university general educational institution not below the rank of teacher by rotation in order of seniority, two nominees of the Governing Body from its members; Director, Secondary Education, U.P.; one nominee of the Ministry of Education; one nominee of the Managing Committee of the Radhasoami Educational Institute of Agra; one nominee of the DEI Prem Vidyalaya Society, Agra; one nominee of the DEI Higher Secondary School Society, Agra and two eminent persons not members or employees of the Institute nominated by the President. The Registrar is the ex-officio Secretary of the Council.

• Board of Studies/ Faculty Board

The Board of Studies consists of the Head of the Department as Chairman; all Professors of the Department; one Reader and two Lecturers and External Expert(s). There is a duly constituted Faculty Board for each Faculty. It comprises of all the Professors and Heads of Departments of the Faculty and two external experts, with the Dean as the Chairman. The recommendations of the Board of Studies regarding revision of syllabus and/or new courses approved by the Faculty Boards are placed before the Academic Council of the Institute before implementation. The Faculty Boards meet at least once every year.

• Research Degree Committee

The Research Degree Committee closely monitors issues related to research work leading to the award of the Ph.D. degree. The members include the Director, concerned Dean, Head of the Department, and two external experts in the subject. The supervisor of the candidate is the co-opted member of the Committee.

- The General Body
- The Holding Trustees
- The Faculties

In addition to Deans of various Faculties, DEI has the following posts:

- Dean, Post-Graduate Studies & Research
- Dean, Under-Graduate Studies
- Deans, DEI-ICT Distance Education Centres
- Officer on Special Duty (Amenities, Beautification and Core Courses)

Staff Strength

Staff Strength (Information as on 31-03-2014)

Teaching Staff (working)

GN	-	186
SC	-	25
ST	-	4
OBC	-	36
Total	-	251

Non-Teaching Staff (working)

GN	-	112
SC	-	50
ST	-	4
OBC	-	79
Total	-	245

(Working = Working Permanent + Temporary + Contract)

Students' Enrolment

In University Departments																			
Category	Total Students Enrolment			General			SC			ST			OBC			*PH			Total (3+4+5+6+7)
1	2			3			4			5			6			7			8
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	Total (3+4+5+6+7)
UG	1026	1909	2935	549	1014	1563	146	343	489	46	27	73	285	525	810	2	4	6	2935
PG	90	636	726	35	329	364	18	107	125	6	4	10	31	196	227	0	1	1	726
M.Phil./M.Tech.	81	182	263	47	178	225	13	1	14	3	0	3	18	3	21	0	0	0	263
Ph.D.	113	280	393	61	200	261	22	33	55	4	1	5	26	46	72	0	0	0	393
Certi./Diploma/ PG Diploma	49	51	100	26	36	62	4	9	13	0	0	0	19	6	25	0	0	0	100
Total	1359	3058	4417	718	1757	2475	203	493	696	59	32	91	379	776	1155	2	5	7	4417

Result:

- The result of Under- Graduate level in the session of 2013-2014 was 95.6 % - 100 %.
- The result of Post - Graduate level in the session of 2013-2014 remained 100 %.
- The result of M.Phil level in the session of 2013-2014 remained 100 %.

List of Students Recipient of Medals (Session 2013-2014)

- Mehar Goyal received President's Medal for securing highest marks at Under -Graduate level.
- Jyoti Chaturvedi received President's Medal for securing highest marks at Post-Graduate level.
- 41 students received Director's Medal at Graduate level.
- 30 students received Director's Medal at Post- Graduate level.
- 19 students received Director's Medal at M.Phill level.
- 43 Ph.D. were awarded in the session of 2013-14.

Placements:

Placement in recent past is very encouraging where top leading Automobile Companies have shown their interest in our professional students at all levels i.e from B.Tech. to Certificate Courses of DEI .The I.T. companies and the other multinational B.P.Os & K.P.Os have picked up good number of students from the non professional - courses i.e. B.Com., B.A., & B.SSc., which shows a good kick-start in recruitment of students as compared to last year.

The prominent automobile companies like Maruti Suzuki -India Ltd. (Gurgaon), FIAT -India Ltd. (Pune), Honda Cars (Tapukara ,RJ), Volvo Eisher (Indore), TVS Motors (Chennai) etc. have paid their visit at our campus promptly, keeping D.E.I. in their top priority. The range of pay package starts from 3.4 to 4.8 Lac per annum (LPA) for B.Tech. students.

Sl. No.	No of Student Shortlisted	Name of Companies	City	Breakup- Faculty wise Placement			
				Engg.		Others	
				(Mech.)	(Elect.)		
1.	24	Maruti Suzuki India Ltd.	Gurgaon	4			Engg.
2.	8	FIAT Motors Ltd.	Pune	2			Engg.
3.	-----	HCL	Noida				Engg.
4.	-----	Tata Consultancy Services	New Delhi	26			Engg. & Science
5.	10	HMSIL	Gurgaon	2			Engg. & Tech. College
6.	-----	Honda (Cars)	Tapukara (RJ)				Engg. & Tech. College
7.	-----	Blue Star	Gurgaon				Tech. College
8.	20	Volvo Eisher	Indore			8	Tech. College
9.	-----	TVS Motors	Chennai				Tech. College
10	30	HCL	Gurgaon			14	Soc. Science (MBA)
11	2	HDFC Bank	Agra			2	Soc. Science(MBA)
12		Concentrix Corporation	Gurgaon			29	All Graduates
Expected							
1.		Torrent Power	Agra				All Graduates
2.		IBM India (Expt.)	Noida				All Graduates
3.		Kothari Silk Mills (Expt.)	Surat				Textile & Arts
4.		Tech. Mahindra (Expt.)	Hydrabad				Science & Tech. College

Among I.T. companies, the T.C.S. took the first bite & visited our campus in Sept.-2014 and selected 36 students from B.Tech, M.Tech, M. Sc. (Math & Physics) & M.Tech specialization in Computer Science.The 29 Non professional students of B.Com, B.A, B.Sc have been offered the job opportunities by M/s M/s Concentrix Corporation erstwhile IBM Daksh, who have good communication skills shall get the pay package of 2.9 Lac./ annum.

The Social Science Faculty organised the On Campus recruitment by HDFC Bank & HCL Technologies who have picked up 14 MBA students.

The companies which are our regular visitors since last 5 Years, are expected to visit for placement of B. Com & BBM finance students to mention few - L&T Construction, Daulara Sugar Works (DCM group) (Surat), Kothari Silk Mills, Tech. Mahendra & Torrent Power (Agra) shall hold their recruitment process in next semester.

Chapter: 3**Programmes of Study Offered**

DEI caters to the educational needs of the society right from pre-primary to Doctorate degree level. It provides pre-nursery, nursery, primary, secondary and senior secondary, undergraduate and post graduate, and research degree education to all sections of society.

DEI runs one Nursery School, two Primary Schools, two pre- University level colleges DEI Prem Vidyalaya Girls Intermediate College and REI Intermediate College.

Levels of Education

- Ph.D.
- M.Phil
- PG
- UG
- Senior Secondary
- Diploma
- Certificate
- Primary
- Pre-Primary
- Nursery
- Pre-Nursery

Type of Education

- General Conventional
- Practical
- Work-Based
- Vocational
- Technical
- Informal

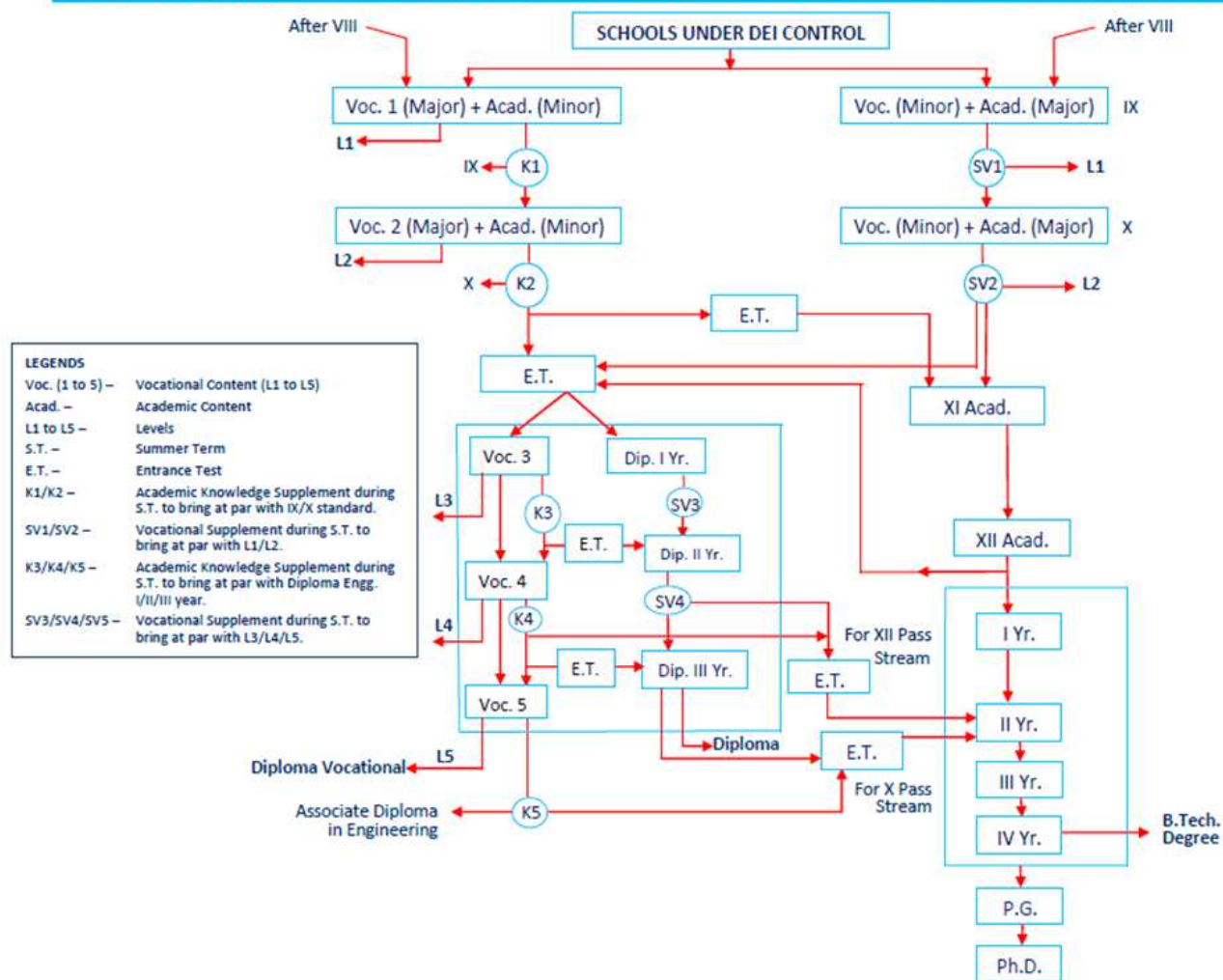
Form of Education

- Integrated
- MEME

Mode of Education

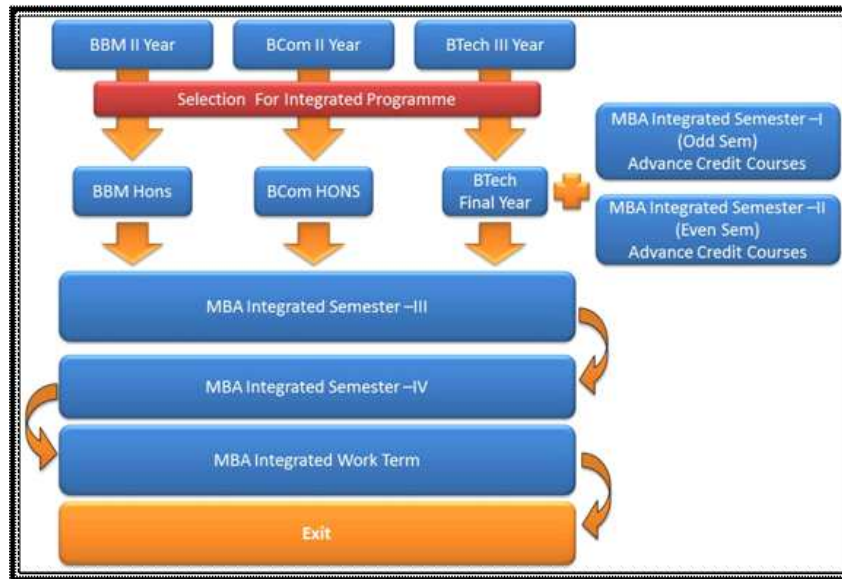
- Direct
- Synchronous
- Distance

5.7 MODEL FOR VERTICAL AND HORIZONTAL PROGRESSION AMONG VOCATIONAL, GENERAL AND TECHNICAL EDUCATION IN DEI



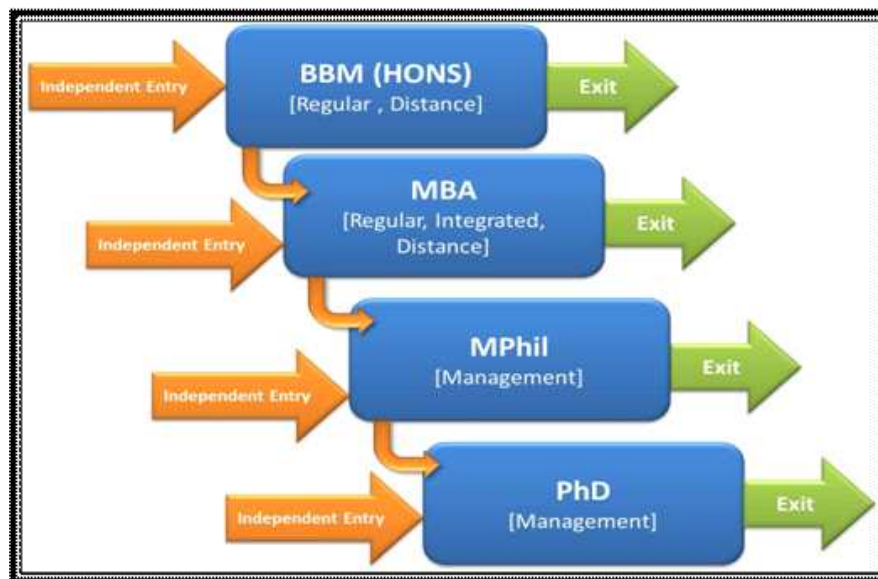
STRUCTURAL REPRESENTATION OF SOME OF THE INTEGRATED POST GRADUATE PROGRAMMES

INTEGRATED MBA PROGRAMME*



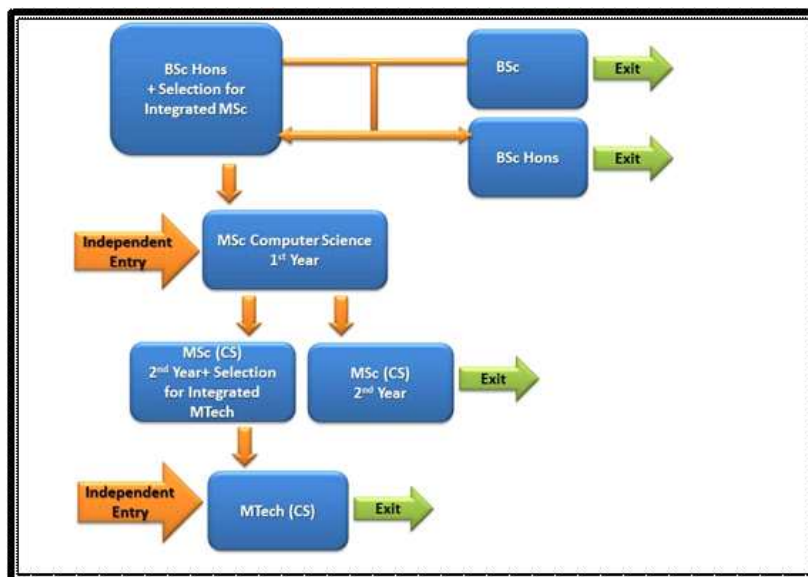
*Subject to fulfilling the eligibility criteria at successive stages

INTEGRATED BBM (HONS) WITH MBA, MPhil AND PhD*



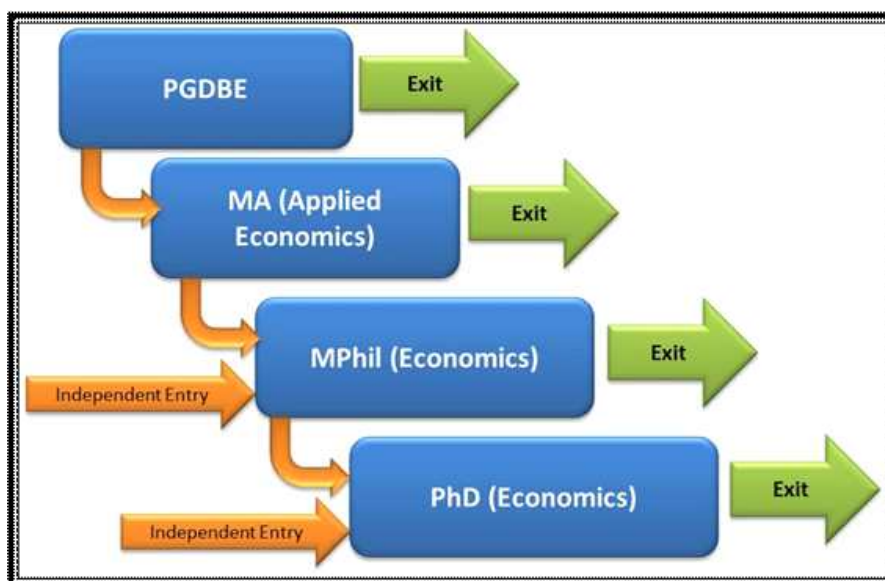
*Subject to fulfilling the eligibility criteria at successive stages

INTEGRATED BSc (HONS)-MSc-MTech IN COMPUTER SCIENCE*



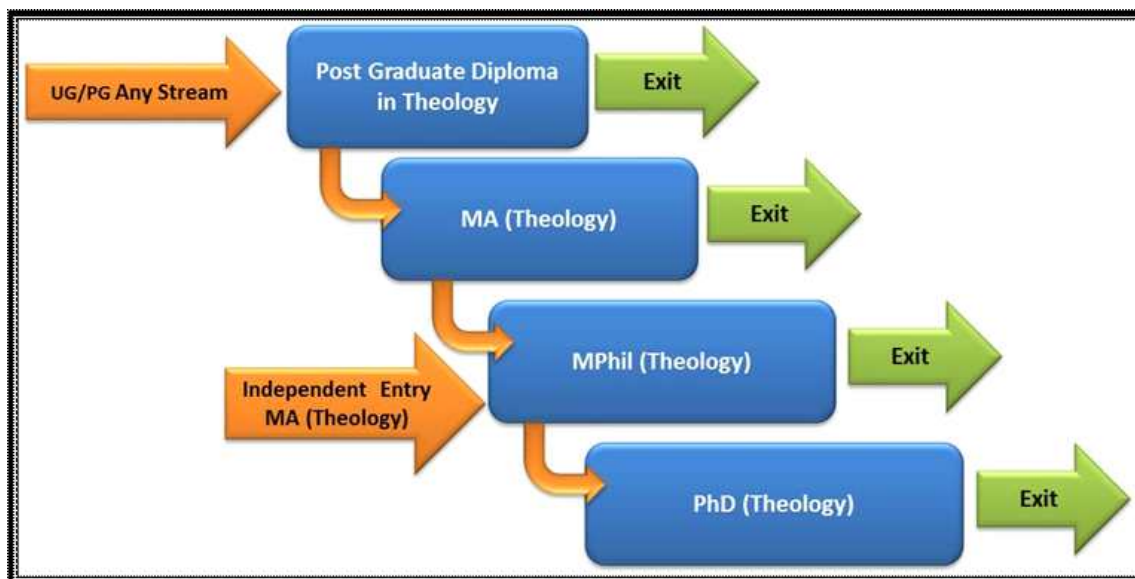
*Subject to fulfilling the eligibility criteria at successive stages

INTEGRATED PGDBE MA (APPLIED ECONOMICS) MPhil (ECONOMICS)*



*Subject to fulfilling the eligibility criteria at successive stages

INTEGRATED PGDT- MA-MPhil-PhD PROGRAMME IN THEOLOGY*



*Subject to fulfilling the eligibility criteria at successive stages

CONTINUOUS EVALUATION & GRADING SYSTEM

The academic progress of students registered under different programmes is evaluated continuously

- 1) The Institute follows the credit-system of evaluation. Each course is allotted definite credits in proportion to the expected time devoted by the candidate in that course.
- 2) Based on their academic performance, students are graded on a 11 point scale. A description of the grades, corresponding grade point values and the achievement level. The Procedure for calculation of SGPA is as follows:

$$SGPA = \frac{GP_1 \times C_1 + GP_2 \times C_2 + \dots + GP_n \times C_n}{C_1 + C_2 + \dots + C_n}$$

- 3) The overall performance of all Semesters for a given programme is given as Cumulative Grade Point Average (CGPA) which is calculated in a similar way for the subjects credited during the entire course. Multiplication of CGPA by 10 yields the equivalent percentage marks gained by a student.
- 4) Award of Division: The minimum CGPA for different divisions is given in the following table and is common for both PG and UG programmes.

S.No.	Division	CGPA
1	First with Distinction	8.5
2	First	6.0
3	Second	3.0

Chapter: 4

University Finance

During the financial year 2013-14, UGC sanctioned Rs. 2045.94 lakhs as Maintenance Grant and Rs. 50.00 lakhs as 12th Plan General Development Grant. The U.P. Government has sanctioned a grant of Rs. 1845.89 lakhs for 2013-14 as regular salary grant, and Rs. 6.69 lakhs for National Service Scheme. The income from non-government sources amounted to Rs. 1505.42 lakhs.

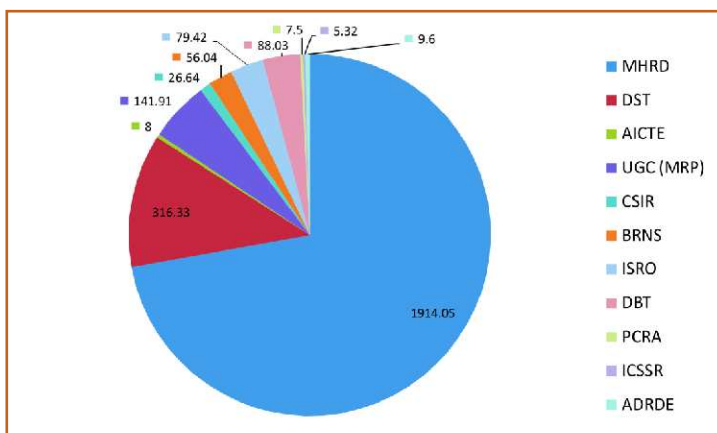
a. UNIT COST : The unit cost per student works out to be Rs. 80,625/-.

b. PROGRESS IN RESEARCH

There are 59 ongoing projects sanctioned by various agencies. A summary of the Projects is given below:

S. No.	Sanctioning agency	Number of projects	Amount sanctioned (in lakhs)
1.	MHRD	17	1914.05
2.	DST	9	316.33
3.	AICTE	1	8.00
4.	UGC (MRP)	21	141.91
5.	CSIR	2	26.64
6.	BRNS	3	56.04
7.	ISRO	1	79.42
8.	DBT	2	88.03
9.	PCRA	1	7.50
10.	ICSSR	1	5.32
11.	ADRDE	1	9.60
TOTAL		59	2652.84

UGC has sanctioned Start up grant of Rs.6.00 lakh each to newly appointed teachers in the Department of Botany and Physics.



c. RESEARCH SCHEMES IN VARIOUS DEPARTMENTS DURING 2013-14:

S.No.	Scheme	Department	Amount Sanctioned (in lakhs)
1.	DST-FIST	Physics & Computer Science	120.50
		Mathematics	20.50
		Chemistry	93.00
		Mechanical Engineering	127.00
2.	UGC-SAP	Physics & Computer Science	61.00
		Chemistry- DRS-II	70.00
		Music	54.40
		Electrical Engineering	44.50
		Mechanical Engineering	33.50
3.	Innovative Programme	Botany	58.00
	Total		682.40

The Institute hopes to accelerate the pace of research activities by getting at least a book published and a project submitted on an average by each faculty member in the forthcoming year.

d. FELLOWSHIPS AND SCHOLARSHIPS

During the session 2013-14, 87 research scholars were disbursed fellowship grants amounting to Rs.165.42 lakhs under the following schemes:

S.No.	Scheme	Number of Students	Amount (in lakhs)
1.	UGC Junior Research Fellowships	30	74.35
2.	UGC Meritorious Fellowship to Engineering & Sciences	35	40.35
3.	UGC Rajiv Gandhi National Fellowship to SC/ST student RGNF	11	24.34
4.	CSIR Fellowship	5	10.74
5.	DST - Inspire Fellowship	6	15.64

In addition to above, 21 research scholars (12 RGNFs, 7 JRFs and 2 Maulana Azad Fellowships) were given fellowships by the UGC under Direct Benefit Scheme. 3 Post Doctoral Fellowships to women (2-Psychology) and (1-Education) have also been awarded under this scheme. One student was awarded ICSSR Fellowship.

Chapter: 5**Infrastructure Development****A. Construction of Buildings:**

Progress of Construction work in the University can be noted in the following terms:

- a) 2nd floor of Extension of Engineering Faculty Library with a plinth area of 359.00 square meter was completed.
- b) Departmental Libraries have been constructed/ expanded.
- c) First floor of Extension of Multimedia Building with a plinth area of 485.5 square meter was completed.
- d) First floor of Extension of Botany Department's Building with a plinth area of 234.15 square meter was completed.
- e) Construction of both stories of Information and Communication Technology (ICT) Centre with a plinth area of 1187.00 square meters was started.
- f) Separate Toilet Blocks for Boys and Girls in the Faculty of Engineering have been constructed.

B. Internet Network:

1. A fully networked campus (wired network) with a fibre optic backbone.
2. A wireless extension to the campus network, reaching to students in hostels and neighbouring colonies in Dayalbagh.
3. One Gbps Internet connectivity from the National Knowledge Network.
4. Edusat connectivity to 57 locations spread throughout the country.
5. Ultra-Modern Multimedia Laboratory for content generation and distribution.
6. Video conferencing Infrastructure with multiple hardware units from Polycom and Sony and a Polycom Enterprise Level Video Conferencing Bridge/ multi-conferencing system.
7. A video streaming facility with low bandwidth streaming also.
8. Cloud computing Infrastructure with an eight blade system and 24TB Network Attached Storage.
9. 144TB Network Attached Storage for backups.
10. A 24 blade, high performance, cluster computing facility.

C. Computers & Equipments: Worth Rs. 228.66 lacs have been purchased.

D. Furniture: For Rs. 3.44 lacs has been purchased.

E. Other Fixed Assets: Worth Rs. 107.58 lacs have been procured.

FACULTY OF ARTS



POTTERY WHEEL
Rs: 9,975
For making Pots



SPECTROPHOTOMETER
Rs. 332,719
For measuring colour intensity, hue, value
and other parameters of dyed fabrics or liquids

Jindex 3D fashion system software and Jindex apparel CAD system software. The cost of two units is Rs. 6,33,000. Jindex 3D fashion system software is used for designing garments and Jindex apparel CAD system software is used for making patterns of garments.

FACULTY OF SCIENCE



MELTING POINT APPARATUS
RS.22000,
FOR PRACTICAL USE



CONDUCTIVITY METER
Rs. 12075x3= 36225
To determine the value of conductivity of any solvent



POTENTIO METER Systro Mix
Rs. 10815 x3= 32445
For Practical Use



P.H. METER
Rs. 11340x 2= 22680
To determine the value of PH level of any solvent

- Spare parts of FTIR were purchased by the Department of Chemistry for the practical purpose. The cost of this item is Rs. 1, 02000.
- Fatigue Testing Machine, Rs. 77280, The machine induces stress reversals using gravity loading and measures fatigue life of specimen.

F. Equipments: For 19.05 lacs have been purchased in different Faculties and Centres of the university.

G. Scientific Equipments: Worth Rs.172.47 lacs have been purchased for teaching and research purposes.

F. Library Books: Our Library is a rich resource of reading material. During the year 2013-14 Books for rupees 12.92 lacs were added to meet the need of the students and staff.

Chapter: 6**Central Facilities****A. CENTRAL LIBRARY**

The DEI has a modern Central Library. The working hours of the Central Library is from 8.30 am to 5.00p.m. on all working days. The Central Library houses 173749 books and subscribes to 146 National and 27 International Journals and has 9768 reference books. Internet and E-Journals access facility has been extended to several computers in various faculties as well as Central Library. The programme is administrated, monitored and maintained by the information Library Network (INFLIBNET). Institute is also subscribing to DELNET to access engineering and science Journals. The E-Journals (5000 approx.) consortium programme is providing internet access to all field related to Arts, Humanities, Social Sciences, Physics and Chemical Sciences, Life Sciences, Computer Science, Mathematics etc. Database from 17 publishers is also accessible at present. Central Library also purchased Online ProQuest Dissertation & Theses Abstracts Complete, with DVD backup, Section A& during the session 2013-14, 2090 more books have been added to the library. Central Library also provides scanning and printing services to its users. The Library Catalogue is computerized with bar code system. The transaction of the books is fully computerized. The computerization has been achieved by Library staff on their own using an open source software, called 'NEWGENLIB'.

B. USIC

Department of USIC comprises four workshops viz. Computer, Electronics and Mechanical (including refrigeration) & Glass Blowing. These sections are involved in repair and maintenance of laboratory instruments, computers & its peripherals, electronic and mechanical equipment. These sections also regularly conduct work-experience and short term courses. USIC has recently established state of art Rapid Prototyping (RPT) Centre equipped with 3D scanner, 3D digitizer and 3D printers. The 3D printers are based on two well-known techniques viz. Fused Deposition Modeling and Polyjet Technology. The objectives of the RPT Centre are as follows:

- To provide facilities to the entire university community and stakeholders for refining existing products and developing new prototypes.
- To foster *innovative skills* among students and teachers in their areas of interest.
- To help students evolve as *entrepreneurs* with self-sustaining capabilities.
- To collaborate with Industries/Business partners to sponsor projects that provides *hands on training* to students.
- To provide facilities to *work with business partners/sponsors* to address their specific needs.
- To focus on socially relevant products which will have impact on *quality of life*.
- To create a central facility for promoting *interdisciplinary teaching, research, and innovation*.



Collaboration: with Micro Small and Medium Enterprises (MSME) Technology Development Centre, Ministry of MSME, Foundry Nagar, Agra. USIC has recently developed an alarm system to enhance the security of the institute's hostel. USIC is also involved in community services of charitable institutions & hospitals around DEI. Besides the above activities, USIC faculty are involved in supervision at M.Sc. and Ph.D. level & Research Projects at Diploma and B.Tech. level. USIC has completed 100% jobs received in Glass Blowing, Computer, Electronics, and in Mechanical

G. DEI SEMINAR COMPLEX AND CONTINUING EDUCATION FACULTY HOSTEL

A new Seminar cum Hostel complex has been constructed for holding seminars, Conferences, and important meetings. The hostel consists of 16 guest rooms, a seminar hall with 300 seating capacity, committee room and dining hall. The campus is equipped with Wi-fi and networking facility.

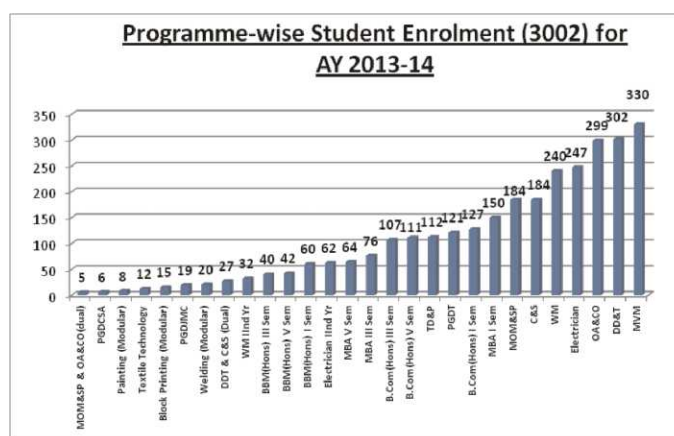
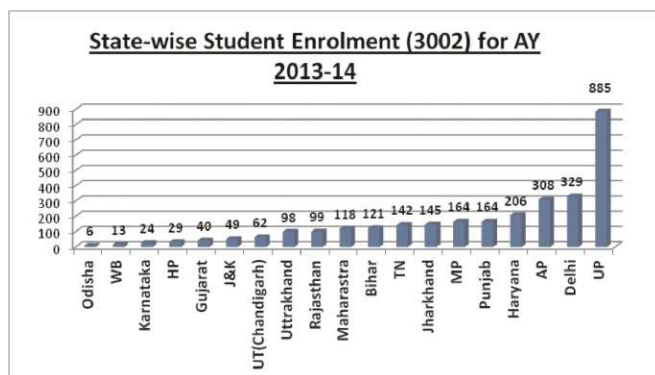


H. CENTRE FOR APPLIED RURAL TECHNOLOGY

The distinguishing feature of DEI's Education Policy is its emphasis on combining excellence with relevance to contemporary needs of the society. The Centre for Applied Rural Technology (CART) offers a large number of vocational courses through its Modular and Certificate level programmes. These programmes are employment oriented and are offered at a nominal fee. By creating livelihood opportunities, CART makes a valuable contribution to the economic development and self-help of the individuals. The centre is well equipped with state-of-the-art facilities to train students adequately enabling their faster placement. The Centre is registered with All India Council for Technical Education (AICTE) and is recognised as Skill Knowledge Provider (SKP) in the sectors of Automobile and IT upto level 5 of National Skill Qualification Framework (NSQF) / National Vocational Education Qualification Framework (NVEQF).

Special Feature

Distance Education: One of the distinguishing features of our university has been its widespread distance education system, which caters to the educational needs of employed as well as marginalized sections of society especially persons residing in rural backward and remote tribal areas. Our Distance education programme is continuously growing in terms of number of centres as well as in terms of number of programmes (Annexure-3).



*Chapter: 7***NSS & Extension Activities****A. NSS ACTIVITIES**

NSS is one of the essential components of the curriculum of Dayalbagh Educational Institute. It is a compulsory Core-Course (No. RDC 232/ 252/ 262/ 292) for all undergraduate students. The performance of the volunteers is evaluated through continuous evaluation of their participation and performance in various NSS activities including a Camp. The NSS unit of the DEI celebrated and conducted a variety of programmes and activities during the academic session 2013-14. Following are the highlights of various events organized.

Registration and Orientation: Registration and Orientation Programme for NSS volunteers were conducted from July 24 to August 14, 2013.

World Population Day was observed on 11th July 2013. On this occasion NSS volunteers participated in Inter faculty debate competition.

Environment Protection Month was observed from July 19 to Aug. 31, 2013. To mark the occasion, an expert talk was delivered by Principal Chief Conservator of Forests, Madhya Pradesh Shri Anil Oberoi on Aug. 3, 2013. More than 200 saplings were planted within and outside the DEI campus during one day camps organized by different units of NSS. **Sadhbhavana Diwas** was celebrated in the Institute on 20th August 2013. On this day NSS volunteers of various faculties participated in Oath Ceremony. A Sadbhavana rally in collaboration with LLE was organised to mark the birth anniversary of the Late Prime Minister Shri Rajeev Gandhi.

Independence Day was celebrated in the Institute. The NSS volunteers participated in various activities viz., March Past, Patriotic Songs and Tree Plantation on this occasion.

International Literacy Day was observed on Sept. 8, 2013. Shri Dev Vaish, UNESCO delivered an expert talk on the occasion.

NSS Day was celebrated on 24th September, 2013. An oath ceremony to serve the nation was organized in all faculties.

Voter Registration Camp was organized in all faculties and colleges of the Institute to enroll students and general public in the voter list on 23rd October, 2013.

National Blood Donation Day was observed on 1st October, 2013. Volunteers in a large number registered themselves for donating their blood to the needy.

National Integration Day was celebrated on 19th November 2013. On this occasion an oath ceremony was organized in all faculties of the Institute. To mark the occasion, poster and debate competitions were also organized on November 21-22, 2013.



World AIDS Day was observed on 1st December, 2013. On this occasion NSS volunteers participated in discussion programme and skit competition.

National Youth Week was organised in the Institute from 12th-19th January 2014 on the occasion of the 151 Birth anniversary of Swami Vivekanand, Essay-Writing, Collage and Group Song competitions along with shramdan were organised to celebrate the occasion.

National Voter's Day was celebrated on 25th January, 2014. On this occasion, an oath ceremony was organized in the respective faculties where volunteers took an oath to cast their votes in the interest of the nation. Poster and Slogan competitions were also organized to mark the occasion. Programme from 23rd to 24th Jan. 2014, at Lucknow.



Founder's Day: 31st Jan. 2014 was celebrated by the NSS unit of the Institute as the Founder's Day to celebrate the Birth Anniversary of the Founder Director, Gracious Huzur Dr. M.B. Lal Sahab.

International Women's Day was celebrated on 8th March 2014. On this occasion, a mime competition was held in Faculty of Science in which students from faculties of Arts, Commerce, Science, Social Science and Engineering performed on the topics related to the various aspects related to women.

One Day NSS Camps: Four One Day Camps were organized involving volunteers of all Units. The objectives of these camps were Cleanliness of campus and surroundings, leveling of land for plantation, voters' awareness programme in various villages.

Day NSS Special Camp: A Seven day NSS Special Camp in the Institute was organised from Dec. 23-29, 2013 with the theme "Youth for Skill Development". Shri B.P. Khare, ADM City Agra graced the Inaugural Function as Chief Guest.

A Blood Donation Camp was also organised in addition to other activities with the help of Samarpan Blood Bank, Agra on Dec. 27, 2013 in which teachers and volunteers donated 65 units of blood. The Valedictory Function was held on Dec. 29, 2013 at the site of Free Medical Camp in Bahadurpur village. Dr. A.K. Kulshreshtha, Chief Medical Officer, Agra was the Chief Guest.

Free Medical Camps & Hole in the Wall Programmes: During the session twenty four Free Multi-specialty Medical Camps were organized in association with the Doctors and para medical staff of Saran Ashram Hospital, Dayalbagh, Agra, for the benefit of villagers at Sikanderpur Road near Poiya Ghat. During these camps an awareness campaign was launched against the evils of drug abuse through the display of posters and banners.

Free Medical Camps and Hole in the Wall programmes were well appreciated by Government officials and dignitaries of NGOs. Dr. S.B. Singh, State



Government NSS Official visited the camp and appreciated the efforts of NSS unit of the Institute. The camp was also well received by visiting psychologist from France, Dr. Jean Max. Dr. Jean interacted with villagers, students and patients in the camp and congratulated NSS, DEI for working for the underprivileged. Dr. C.Tulsi, Patron of NGO at Varanasi working for Leprosy Eradication, visited the Medical Camp and appreciated this effort. Dr. Satya Mitra, Additional Director (Medical, Health and Family Welfare), Agra Division, Govt. of U.P. also visited the Medical Camp on March 30, 2014.



Annual Prize Distribution Function: Annual Prize Distribution Function was organized on March 30, 2014 to distribute prizes for various competitions and events organized under regular and special activities. Dr. Satya Mitra, Additional Director (Medical, Health and Family Welfare), Agra Division, Govt. of U.P. was the Chief Guest. Mr. Abhilash Paul and Mr. Ravi Yadav were awarded the Swami Vivekanand Award under the category of Best NSS Volunteers for their additional contribution to the DEI-NSS unit apart from regular NSS activities at DEI, Dayalbagh. The Best Student Volunteer Award was also given to one student from each Faculty for performance and contribution during the year 2013-14. Following students received the Award:

- | | |
|--|--|
| 1. Surat Priya Sethi - Faculty of Social Science | 2. P. Gurswaroop - Faculty of Commerce |
| 3. V. Sindhu - Faculty of Science | 4. Siriya Jesu Raji - Faculty of Arts |
| 5. Vibhav Kaushal - Faculty of Engineering | |

2. NCC ACTIVITIES

Seventy three cadets participated in the combined camp CATC 03 at Shri Ram Adarsh Mahavidhyala, Panvari, Agra, from September 24 to October 3, 2013. During the camp Sr. under officer Kuldeep Baghel was selected the camp Adjutant, under officer Prateek Chaturvedi was selected the RP, sargent Aakash B. Patil was selected the Alpha Company Senior.

Our cadets won overall champion trophy. They also won trophy in Drill Competition, Quarter Guard Competition, and Champion trophy of Cultural Competitions. NCC cadets also took part in the "Monsoon Tree Plantation Camp" jointly organized by SPHEEHA and NCC unit of the DEI on August 11, 2013. They actively participated in the one day "Voter Registration Campaign" organized by the Institute on Oct. 23, 2013.

NCC day was celebrated jointly on Nov. 24, 2013, where cadets of DEI, REI Intermediate College (junior & Senior wings) and girls cadets of DEI PV Prem Vidhyalaya took part with full zeal and enthusiasm. Registrar of the Institute was the Chief Guest on this Occasion. NCC cadets also gave Guard of Honour during the 32nd Convocation held on Nov. 30, 2013.

REI Intermediate College

Twenty eight cadets of the Senior NCC & 42 cadets of the Junior NCC wing participated in the Annual Training Camp of 1 UP BN NCC Agra held at Shri Ram Adarsh Mahavidhyala, Panvari, Agra from Sep. 24, to OCT. 02, 2013. Junior NCC Cadets got the First Prize in March Past, Cultural Programme and Debate Competition and were declared the Overall Champion of the activities of the Camp.

C. DEPARTMENT OF LIFE LONG LEARNING AND EXTENSION ACTIVITIES

The Department of Life Long Learning & Extension aims at empowering women of the weaker sections of society by developing skills among them by providing them training in vocational courses. The positive outcome of the Department's activities has been in making women self reliant and participatory in the work force. After completing the course like sewing and cutting, bag making, application of Heena, Papad making etc, they start earning which gives them confidence. It thus provides them better living condition by earning. The following activities were undertaken by the Department to achieve the objective:

In campus Activities:

- Display of charts and poster on the occasion of World Population Day on 11th July 2014.
- A workshop was organized on "Resume Writing" on 5 Oct., 2013 for PGDSHE students. The resource person was Prof. V. Prem Sarup.
- The Department also celebrated the Founder's Day on 31st Jan 2014 in which products made by the women of the slums and by In-campus beneficiaries were displayed for public viewing.



Off Campus Activities:

Bal Shiksha Kendra: The department runs a Primary school in a nearby slum (Nagla Haweli) for children of the marginalized sections of society. Besides teaching, students are **also** given exposure to various co-curricular activities and are made aware about social issues. Our students organize rallies on Sadbhawana Diwas, World AIDS'Day, World Environment Day and so on. We celebrate and organize:

- Welcome Party 6th July 2013 (participants 46)
- Independence Day 15th August 2013 (participants 50)
- Teachers' Day 5th Sept 2013 (participants 45)
- Health Check-up 7th Sept. by Dr. Pooja Saxena MD (participants 36)
- Gandhi Jayanti October 2013 (participants 47)
- Children's Day November 14th 2013 (participants 48)
- Republic Day 26th Jan 2014 (participants 45)



Activities at Nagla Burhi (a most vulnerable slum):

- Block Printing Course With Dept of Sociology 8th July 2013
- Envelop Making course 5th to 30th August 2013 (participants 24)
- Elocution contest 3rd October 2013 (participants 11)
- Rangoli competition 31st October 2013 (participants 9)



- Mehandi competition 7th October 2013(participants 16)
- Mehandi Course 23rd to 28th October 2013(participants 19)
- Rangoli Course 22nd to 26th October 2013(participants 10)
- Deep sajja training 28th to 31st October 2013(participants 13)
- POP Toys making course 7th to 31st October 2013(participants 16)
- Paricharcha on Deepotsav November 1st 2013 (participants 18)
- Jute Course 4th to 12th December 2013(participants 10)
- Talk AIDS Awareness December 4th 2013 Speaker Prof. Poornima Jain (participants 25)
- Talk by Prof. Poornima Jain on December 11th 2013 on Vishv Manavadhikar Divas (participants 30)
- Medical Camp January 16th 2014 Dr. Sidharth Agrawal & Dr. Sapna Agrawal (participants 27)
- Sewing Course (12 particepants)
- Women's Day celebration(8th March 2014)
- Bag Making (15particepants)
- Demonstration of Jute Craft for the Second Semester students of Sociology Work Experience Course, March 25th, 2014.



Job Training during NSS Camp December 2013

25 th Dec 13	Nagla Haweli	Garland Making	34 participants
26 th Dec 13	Basera	Plaster of paris statue making	90 participants
27 th Dec 13	Vidhya Nagar	Envelope Making	42 participants
28 th Dec 13	Durga Nagar	Jute Mat Making	40 participants

In the extension activities Work Experience course Sociology and Home Science are involved. The main objectives are in this activity to promote literacy among the weaker sections through teaching to illiterate person who are not able to get the education in educational institute. Each student participate in welfare activity and they learn Candle Making, Tie and dye and teach them to learn to make themselves independent in term of income. Students teach the female candidate and also mental retired students in Adan Bagh. In the session 2013-14, 106 students of sociology and 40 students of home-science are engaged these kind of activities, 100 persons got benefit from this activity.



Games and Sports

The Department of Games and Sports is one of the very dynamic department of the Institute. It organizes regular sports and games activities throughout the Academic session for the students of the University. Some of the major events are as follows:

Regular coaching for the Football/Volleyball was provided to the students immediately after the start of the Academic Session 2013-14.

Following are the results of various activities of games/sports held during the odd semester :

Open Football Champion ship (Boys)

Winners	REI Inter College
Runners Up	Technical College

3000 mtr. Race (Girls)

Winner	Sakshi Dixit (S. Sciences Faculty)
Runner Up	Jyoti (Education Faculty)
Third	Priya Pandey (Education Faculty)

5000 mtr. Race (Boys)

Winner	Deepak Kumar (Technical College)
Runner Up	Indra Pal Singh (Science Faculty)
Third	Ram Prakash (Technical College)

March Past

Winners	Boys (REI, Inter College)
	Girls (Prem Vidyalaya)

Football (Boys)

Winners	(Technical College)
Runners Up	(Engineering Faculty)

Football (Girls)

Winners	(Arts Faculty)
Runners Up	(Science Faculty)

Kho-Kho (Boys)

Winners	(Technical College)
Runners Up	(Engineering Faculty)

Kho-Kho (Girls)

Winners	(Science Faculty)
Runners Up	(Technical College)



Volleyball (Boys)

Winners (Technical College),

Runners Up (Engineering Faculty)

Volleyball (Girls)

Winners (Science Faculty)

Runners Up (Technical College)

Basketball (Boys)

Winners (Social Sciences Faculty)

Runners Up (Engineering Faculty)

Basketball (Girls)

Winners (Arts Faculty)

Runners Up (Social Sciences Faculty)

**Participation in Outside Tournament**

Our students also participated in various events outside the institute as per following details :

U.P. State Chess Championship

Saran Kumar Thakur

Future Champs Tennis Tournament

Apaar Prakash Sharma

Open Basketball State Championship

1. Pooja Kumari (Arts)
2. Vranda Chaturvedi (Arts)
3. Sonali (S. Sciences)

150 girls of the Institute attended the Jackowondo camp organised by Institute under the guidance of Manorama (Black Belt) and Davender (Secretary Agra District), July 5-30, 2013.



Chapter: 8**Faculty Achievements**

- About 150 staff and students participated and presented papers in National and International seminars/workshops etc. (Annexure - 1)
- Around 134 Research papers, chapters in books, and books were published by the staff and students of the Institute. (Annexure - 2)

A. AWARDS AND RECOGNITIONS**I. FACULTY OF ARTS**

- Digital Paintings of Prof. Ragini Roy and Shri Amit Kumar Johri have been selected, exhibited and published in 3rd Digital All India Art Exhibition, New Delhi organized by All India Fine Art & Craft Society (AIFACS), New Delhi in Aug., 2013.
- Prof. Meera Sharma was invited as a Resource Person in International Conference on 'Adhunik Sanskrit Rachana Dharmita' organized by Sanskrit Department, B.H.U., Varanasi, Oct. 20-22, 2013. She delivered a lecture on the topic "Sanskrit Gadya Ki Ek Sashakta Vidha LalitNibandh". Prof. Sharma also chaired a session in this Conference.
- Dr. Soami Pyari Kaura was nominated the Editor of a book entitled 'Shreshtha Kavya Sangam'(ISBN 978-93-82340-14-0) 2013, Published by JMD Publication, New Delhi.
- Dr. Anita contributed a chapter titled "मालवा पर्यटन की ऐतिहासिकता : कालीदास साहित्य के संदर्भ में" in the book '*Madhya Pradesh Ka Paryatan : Rashtriya Chetna Mein Sahbhag*' (ISBN No. 978-93-82424-03-1), M. P., Nov. 2013.
- Four Photographs by Shri Amit Johri were accepted in 12 Salon International de Imagen Virtual Photo Club, Buenos Aires, 2013 and exhibited at 12 International Virtual Image Exhibition organized by Photo Club, Buenos Aires, Argentina.
- Dr. Sudha Sahgal has been awarded 'A' Artist grade by All India Radio, Delhi and Ministry of Culture and Information and Broadcasting, Dec. 2013.
- Prof. Prabha Sharma acted as Subject Expert in the Selection Committee meeting at K.M.I., Dr. B.R. Ambedkar University, Agra, December 27, 2013.
- Dr. Sudha Sahgal was accredited 'A' grade in Ghazal Singing by AIR, 2014.
- Dr. Neelu Sharma was awarded 'Meera Samman' by Sanskar Bharti, Agra, 2014
- Prof. Ravi Bhatnagar was awarded 'Swami Haridas Samman' by Sanskar Bharti, Agra, 2014.
- Prof. Meera Sharma was a Resource Person and delivered a lecture in National Conference on Vedas & Vedic literature organized by Pattabhram Shastri Vedic Research Centre and BHU, Varanasi on February 27 to March 1, 2014. She also chaired a session in the Conference.
- Dr. Neelu Sharma, Dr. Gautam Tiwari and Dr. Shivendra Pratap Tripathi presented "Sur Tal Sangam", a musical group presentation in Akhil Bhartiya Hindi Sahitya Sammelan organized by Sanskar Bharti on February 9, 2014. Dr. Neelu Sharma was conferred the title "Nad Sadhak" in this programme. She also gave a Tabla Performance at Taj Mahotsav, Agra on February 20, 2014, under Tal Sangam programme.
- Dr. Gautam Tiwari gave a solo vocal performance at Taj Mahotsav on February 22, 2014.
- Dr. Neelu Sharma was honoured Rashtriya Sewa Samiti (Agra) for her contribution to Music on March 30, 2014.

- Dr. Gur Pyari Jandial presented a lecture on Literature and Consciousness through video conferencing to the students and staff of the Deptt. of English, Kiel University, Germany in May, 2014. She also had an interaction with the class on June 19, 2014 in which discussions were held. This was organized as part of the Joint Lecture Series between DEI and Kiel University, Germany.
- Prof. Meera Sharma has been appointed Subject Expert in Sanskrit at Shri Lal Bahadur Shastri Sanskrit Vidyapeeth (Deemed University), New Delhi for a term of 2 years.
- Dr. Suman Sharma delivered a lecture on the topic "Vaiyaktik Swatantrata" in Theosophical Society of India, Agra on June 12, 2014.
- Dr. Sudha Sahgal delivered a lecture entitled "Various Styles of Hindustani Classical Music" on June 25, 2014 in Indian Institute of Advanced Study, Shimla.
- Dr. Suman Sharma and Dr. Namasya participated in Special Summer School Programme conducted by Academic Staff College, University of Rajasthan, Jaipur from June 16 to 5 July, 2014.

II) FACULTY OF COMMERCE

- Dr. Bhawna Johri was designated Editor of *Indian Journal of Research* published by Research Development Foundation, ISSN 2231-6655.
- Dr. Saurabh Mani was invited as Judge to evaluate the Working and Non- working Models Innovation Day celebrated at Sharda Group of Institutions, Agra, October 19, 2013.
- Dr. Saurabh Mani, Faculty of Commerce was sanctioned a Major Research Project (MRP), "Socio-economic Mapping of Place of Origin of Labour Migration An Impact Analysis of Selected Backward Districts of Bihar" by UGC amounting Rs. 743000/-
- Dr. Pramod Kumar, Faculty of Commerce was selected as the member of National Executive Committee of Indian Accounting Association.
- Prof. V.K. Gangal was invited as Resource Person in the UGC sponsored National Research Seminar which was organized by the Department of Commerce, Dr. Bhagwat Sahai Govt. College, Gwalior (M.P) on February 8-9, 2014.

III) FACULTY OF EDUCATION

- Prof. K. C. Vashishtha acted as Subject Expert in Board of Studies (Education), Dr B R Ambedkar University, Agra, Oct. 22, 2013.
- Dr. A. K. Kulshrestha delivered a Guest Lecture on "Importance of Statistics in Education" organized by Dept. of Education at Shri M. P. degree College Lucknow, Nov. 14, 2013. He delivered an Invited Talk on "Action Research" organized by Dept. of Education, L. M. P. Balika Mahavidyalaya, Gusaiganj, Lucknow, Nov. 17, 2013. He was invited as a Member of Visitors' Team by Northern Regional Committee, NCTE, Jaipur, Raj., Oct. 2-9, 2013.
- Dr. Sona Ahuja joined the Consciousness Quotient Institute (<http://www.consciousness-quotient.com/institute-team/>), 2013 as Senior Researcher.
- Dr. Amit Gautam participated in the UGC- Sponsored Orientation Programme-92 organized by UGC Academic Staff College, Guru Nanak Dev University, Amritsar (Punjab) from Aug. 1-28, 2013 and obtained Grade 'A'.
- Prof Vibha Nigam was awarded 'Swami Haridas Samman' in recognition for her exceptional contribution to vocal Music by Sanskar Bharti Natya Kendra.

- Dr. Kshama Pandey was selected in Editorial Board of the premium journal 'European Journal of Applied Social' and was also selected as a reviewer of international journal 'Manthan Business Review'.
- Dr. Sona Dixit acted as subject expert, Board of Studies for Empanelment of Examiners for Education in Dr B R Ambedkar University, Agra on 20 October 2013. She was also a member of Inspection Team for R. S. Mahavidyalaya, Mainpuri for affiliation to Dr B R Ambedkar University, Agra on 21 July, 2013.
- Dr. Shubha Maheswari was selected as Associate Editor for a Multidisciplinary Research journal 'Inquisitive Teacher' on 24th November, 2014.
- Dr. K.C.Vashishtha acted as subject expert in Board of Studies (Education) in Dr B R Ambedkar University, Agra, 22nd October 2013.
- Prof. K.C. Vashishtha delivered a key-note lecture in National Seminar on Contemporary Issues & Challenges in Teacher Education, organized by Three Dot's Girls' Training College, Aligarh, on Feb. 9, 2014.
- Dr. Sona Dixit acted as subject expert in selection committee for appointment of faculty for R. P. Kanya Mahavidyalaya, Hathras and appointment of Head of Department in Anandi Devi Institute of Higher Education, Hathras, Dr. B R Ambedkar University, Agra on February 22 and February 24, 2014 respectively. She was also invited as a BOS member, Dr. B R Ambedkar University, Agra on February 25, 2014.
- Prof. K. C. Vashishtha was invited to the Regional Seminar on Philosophy of Education in Almora, Uttarakhand, organized in association with Azim Premji University and Kumaun University, Nanital on March 24-26, 2014. He was a member of Selection Committee at Bundelkhand University on March 22, 2014. He was also invited as a Key Note Speaker in National Seminar on Quality Assurance in Higher Education vis-à-vis Human Resource Development: Perspectives and Challenges organized by Desh Bhagat College of Education, Distt. Sangur in collaboration with Council for Teacher Education on March 01, 2014. He was also invited as Resource Person in the International Conference on Alternatives in School System and Teacher Education organized by IATE, University of Allahabad in collaboration with MHRD and NIOS on March 8-9, 2014.
- Prof. Nandita Satsangee visited Centre for English as a Second Language and College of Education University of Arizona, Tucson on 24-25 April, 2014. She visited College of Education, Office of International Initiatives, Professional Development School and Centre for Teaching Excellence, University of Maryland, College Park, on April 28-29, 2014. She also participated in Inquiry Project and Viewed Exhibits at School of Education and Centre for Cultural Arts University of North Carolina, Wilmington from April 30 to May 1, 2014.
- Dr. Gur Pyari Satsangi was invited as Chief Speaker in Seminar on Living Systems, organized by Dayanand Mahila Prashikshan Mahavidyalaya, Kanpur, sponsored by SSI Kanpur, June 28, 2014.
- Prof. K. C. Vashishtha acted Subject Expert in Board of Studies for review of BA Education syllabus of Dr. B. R. Ambedkar University, Agra on April 4, 2014.
- Prof. Archana Kapoor acted Subject Expert for selection of Principal and Staff B.Ed. College, Dr. B. R. Ambedkar University, Agra in April, 2014.
- Dr. Sona Ahuja visited and interacted with Director, Teacher Preparation Programme, Urban Teacher Education Programme, University of Chicago, US on April 17, 2014. She visited and interacted with Bruce Johnson, Professor and Head; Teaching, Learning & Socio cultural Studies Department Co-Director, UA STEM Learning Center, University of Arizona on April 25, 2014.
- Dr. Sona Dixit acted Subject Expert in Board of Studies for review of BA Education syllabus of Dr. B. R. Ambedkar University, Agra on April 4, 2014.

IV) FACULTY OF ENGINEERING

- Prof. K. Hans Raj was nominated Expert/External Expert, etc. by various organizations for various purposes as per the following details; All India Council for Technical Education (AICTE); DRDO, HQ, New Delhi for the Peer Review Meetings for various projects of National importance; Centre for Personal Talent Management (CEPTAM), DRDO for DRTC Assessment Board for evaluating its Defense Scientists and attended the Executive Board Meeting of a project; Executive Board Member of RADOME Project of DRDO, Government of India; ADRDE, Agra for SPC and Review of Deliverables Meetings; DARE, Bangalore to attend AM Meeting of Akashdeep (ADD-270).
- - was elected as Honorary Chairman for International Conference on Advanced and Agile Manufacturing to be held at Oakland University, Michigan, USA from May 28-30, 2014 and has been invited to preside over the Inaugural Session. He has also been invited for Collaborative Research Stay at Department of Computer Science and the Cluster of Excellence-The future of Ocean, University of Kiel, Germany from June 1 to 30, 2014.
- Prof. K Hans Raj, Dr. Rahul Swarup Sharma, and Atul Dayal have filed a patent for their research outcome under the title "Process and Apparatus for 3D circular Equal Channel Angular Pressing" with the Controller of Patent and Design, India.
- Dr. Rahul Swarup Sharma has been awarded INDO-US Fellowship (2013) to pursue advance research at College of Engineering, University of Louisiana, Lafayette, LA, USA.
- The DST R&D Project entitled "Modeling and Experimental Study of Severe Plastic Deformation using ECAP" with Dr. Rahul Swarup Sharma, PI and Prof. K. Hans Raj, Co-PI were graded as Very Good by DST, PAC on MERC.
- Prof. D.K. Chaturvedi was nominated Member of Technical Advisory Committees, etc. of various Conferences as per the following details :Two Day Second National Conference on Security Issues in Networking Technology at Shriram College of Engineering and Management, Banmore, Gwalior (M.P.), Aug. 24, 2013. (He also delivered a Key-note address in it.); National Conference on Advances and Applications in Power Systems, Power Electronics and Solar Energy at JNTUHCEJ, Nachupally, Karimnagar (A.P.), Oct. 24-25, 2013; Two Day National Conference on Globalized Leading Edge Technologies in Engineering organized at Eshan College of Engineering, Farah, Mathura, Nov. 15-16, 2013. (Chief Guest, Inaugural Function and also chaired a session.)
- Prof. D.K. Chaturvedi gave talks at the following institutions; HBTI, Kanpur on Oct. 26, 2013; In the short term course on Soft Computing, National Institute of Technical Teachers' Training Research, Chandigarh at Educational Television Centre, Noida (It was also delivered to 16 different Distance Centres), Nov. 14, 2013; In the short term Training Programme (TEQIP-II) at Madhav Institute of Science and Technology, Gwalior, Dec. 2-6, 2013.
- - reviewed four papers for 4th IEEE Int. Conf. on Mimetic Computing, Neural and Fuzzy Computing (SEMCCO) 2013 organized by SRM University from Dec. 19-21, 2013. He was the Institute Chairman to conduct National Level Srinivasa Ramanujan Mathematics Competition (SRMC)-2013 organized by Indian Society for Technical Education (ISTE), New Delhi on Aug. 30, 2013 held for Polytechnic as well as Engineering Students. Prof. Chaturvedi was the Chief Guest on the occasion of Paper Presentation Contest and Gandhi Jayanti at Ch. Beeri Singh Intermediate College, Agra on Oct. 2, 2013. He attended a National Mission on Education through Information and Communication Technology (NMEICT) Dissemination Workshop held at New Delhi on Oct. 8, 2013 organized by MHRD, Govt. of India, as the developer of Virtual Power Lab at DEI. He was invited as Judge to evaluate the Projects/ Models of ECE/EIE/EEE exhibited

on the occasion of Innovation Day organized by Sharada Group of Institutions, Anand College of Engineering, Agra on Oct. 19, 2013.

- - was nominated Expert Member of Technical Evaluation Committee Meeting at ADRDE lab of DRDO, Agra.
- Shri Nand Lal Mahato attended a one Month Training Programme on “CNC Machines Programming and Operation” at Delhi Institute of Tool Engineering, Delhi from June 12 to July 5, 2013.
- Shri Yashu Swami received the Award of Appreciation for his research work in Low Power VLSI Design in the International Conference ICATET-2013 held in Arya College of Engg. & Technology, Jaipur, Dec. 19-20, 2013. He also chaired a Session in this Conference.
- Prof. C. Patvardhan and Dr. M. Radha Krishna delivered a talk on “DEI Model of Vocational Education” in the Landmark Symposium held on Jan. 1, 2014 to celebrate the Shiksha Divas.
- Prof. D. K. Chaturvedi delivered an expert talk on the topic, “Soft Computing Applications in Signal Processing” in AICTE sponsored National Seminar on Signal and Image Processing (NSSIP) on Jan. 11, 2014 at Dept. of Electronics and Instrumentation Engineering, ITM, Gwalior (M.P), India. He also chaired a session on Power System Signal Processing.
- - delivered an expert talk in National Seminar on Communication, Networks & Computing (CNC)-2014 organised by Dept. of Electronics and Communication Engineering, School of Engineering and Technology, ITM University, Gwalior (M.P) in association with Institution of Electronics & Telecommunication Engineers New Delhi, January 24, 2014.
- - delivered an Expert Talk on Soft Computing and its Applications in Power System, at Dept. of Electrical and Electronics, Hindustan College of Science and Technology (HCST) Farah, Mathura on February 21, 2014.
- - delivered an Expert Talk in National Workshop on Matlab and its Applications organized by Department of Computer Science and Engineering, Faculty of Engineering and Technology, Agra College on February 28, 2014. Resource material of Prof. Chaturvedi has been published on Basics of Matlab by Faculty of Engineering and Technology, Agra College for National Workshop on Matlab and its Application held on February 28 to March 1, 2014.
- - name has been included in the Programme Committee of ICMIRA 2014 (2nd International Conference on Machine Intelligence Research and Advancement).
- - has been elected Fellow of the Institution of Electronics and Telecommunication Engineers (IETE), New Delhi in the council meeting of IETE on April 2014. He was nominated Member Technical Board of EDSA for Sixth International Conference on Computational Intelligence and Communication Networks 2014. He delivered a talk in Dept. of Electrical Engineering, Delhi Technical University on 'Artificial Intelligence Techniques' and their Applications to Power System Problems on May 2, 2014.
- Prof. K. Hans Raj visited the following foreign universities during his academic visit from 25th May to 25th June, 2014 Oakland University, Michigan, USA, Western Michigan University, Kalamazoo, USA, University of Kiel, Germany, Helmholtz Centre for Ocean Research (GEOMAR), Kiel, Germany, Karlsruhe Institute of Technology, Karlsruhe, Germany, BMW Automobile Factory, Munich, Germany and Bergische University, Wuppertal, Germany. He presented a number of papers and gave invited talks. He received three Awards: Best Service Award, Lifetime Achievement Award and Best Paper Award at ICAM, USA, 2014.

V) FACULTY OF SCIENCE

- Prof. Vibha R. Satsangi has been nominated a Member of the Editorial Board of *ISRN Journal of Renewable Energy*, Hidawi Publishing Corporation.

- Prof. Sukhdev Roy has joined the Editorial Board of the *Journal of Electrical and Electronics Engineering*. Prof. Sukhdev Roy gave invited talks at the Annual Convention of the Indian National Academy of Engineering (INAE) at Bhubaneswar Dec. 13-15, 2013 and at the IEEE Workshop on Advances in Photonics at IIT Delhi, Dec 17-18, 2013. Prof. Sukhdev Roy reviewed papers for *Optical Engineering*, *Chemical Physics*, *Optics Communications*, *Applied Optics* and the *Journal of Analytical Sciences*, *Methods and Instrumentation*, and also for the International Conference on Optics and Opto-electronics (ICOL-2014), to be held at IRDE, Dehradun, March 5-8, 2014.
- Dr. Rajiv Ranjan has been nominated a Member of the Editorial Board of *PENCIL Publication of Agricultural Science* (PPAS) of PENCIL Academic Press.
- Dr. Santendra Kumar Soni participated in National Seminar on National Integration, organized by Academic Staff College, AMU, Aligarh, December 15, 2013. He won the first prize in Slogan-Writing category.
- Dr. Sandeep Paul and Dr. Lotika Singh organized a Special Session on "Parallel Computational Intelligence Models" in the prestigious 2013 IEEE International Conference on Fuzzy Systems held in Hyderabad, India, July 7-10, 2013.
- Dr. Shalini Srivastava has been honoured with the Membership of the Royal Society of Chemistry, London, 2014.
- Faculty Members reviewed the papers for various journals and conferences, etc. as per the following details; Rajiv Ranjan, *Herald journal of Agriculture and Food Science Research*, Nigeria, (Africa); Dr. Kamal Srivastava, *Journal of Heuristics*, Springer; Dr. Richa Bansal, *Knowledge Based Systems*, Elsevier.
- Prof. Pankaj delivered an invited talk at Asia-Oceania Sono Chemical Society Conference, University of Melbourne, Australia during July 10-12, 2013.
- Dr. Maninder Minu visited Department of Oncology, University of Alberta, Canada for one month in July 2013 as a Visiting Scientist.
- Dr. Sandeep Paul delivered an invited talk at QIP Short Term Course on Intelligent Informatics, IIT Kanpur, July 15-18, 2013. He chaired a session on in "IEEE Workshop on Computational Intelligence: Theories, Applications and Future Directions", at IIT Kanpur, July 14, 2013. He was invited to deliver a series of three lectures at Birla Institute of Technology, Mesra, Ranchi, September 24, 2013.
- Prof. Sahab Das delivered an invited talk at the forward-thinking Workshop on Alternative Energy Solutions and Sustainable Growth organized by University of Cologne, Germany, India, Sept. 16-17, 2013 in New Delhi, India. He delivered an invited talk at the 2nd National Workshop on Materials Chemistry (Catalytic Materials), NWMC 2013 at BARC, Mumbai, Nov. 22-23, 2013.
- Dr. Alka Prakash gave a lecture on "Study and Control of Food Borne Pathogens." at National Physical Laboratories (CSIR), New Delhi for the Conference on Biomedical Science and Technology, Nov. 21, 2013.
- Dr. Sharmita Gupta delivered an invited talk at the Asia-Pacific Congress of Virology (VIROCON-2013) AMITY, NOIDA on Dec. 19, 2013.
- Prof. D Sarveshwara Rao was Guest of Honour at the Inaugural Function of the Regional Workshop on Methods in Biological and Agricultural Sciences (Dec. 10, 2013) organized by the New Era Research Foundation, Agra. He was also a Member of the Advisory Committee of the above Workshop.
- Dr. Rajiv Ranjan, worked on Research Project entitled "Expression profiling of RNAi pathway components in *N. benthamiana*" during May-July 2014 as a summer Research Fellow under the supervision of Prof. Indranil Dasgupta, University of Delhi. The above programme was jointly sponsored by Indian Academy of

Sciences (IASC), Bangalore, Indian National Science Academy (INSA), New Delhi and The National Academy of Sciences (NASI). He was also granted Rs 6.0 Lakhs under the Start-UP Programme of UGC-Basic Science Research to undertake investigation on Evaluation of novel hybrid promoter for its stress inducibility in plants. In addition to this a major R & D Project was also sanctioned to Dr. Rajiv Ranjan by Dept. of Atomic Energy (DAE-BRNS) to carry out investigation on Development of heterologous stress inducible strong-hybrid synthetic promoters suitable for both monocot and dicot plants with a grant of about 25.0 Lakhs.

- Prof. Rohit Shrivastav delivered a talk, "Future Energy Options and Solar-Hydrogen: Challenges and Prospects in the Indian Context" and chaired a Technical Session in the 'National Conference on Recent Trends in Chemical and Environmental Sciences (RTCES-2014)', organized in Arni University, Himachal Pradesh, February 27-28, 2014.
- Prof. Soam Prakash delivered a Plenary lecture at the International Conference on Nanoscience and Nanotechnology, entitled "Green Synthesis of Nanoparticles for Developing New Technology for Mosquito Control: A Future Paradigm" organized by AMU, Aligarh and Ohio State University, USA from March 8-10, 2014. He also chaired a session on Nano Materials and its Applications.
- Dr. Shabd Preet chaired a session at 6th ASEAN Congress of Tropical Medicine and Parasitology, Kuala Lumpur, Malaysia, March 5-7, 2014.
- Prof. K. Maharaj Kumari delivered invited talk on "Aerosol Emissions from Industry: Their Effect on Climate and Health" at ICAM 2014, Oakland University, Michigan, USA (June 28, 2014). She also delivered an invited talk on Aerosol Chemical Characterization: An Indian perspective" and held discussions for collaborative research at Helmholtz Centre for Ocean Research (GEOMAR), Kiel, Germany (June 4, 2014). She attended Aerosol Technology Conference at Karlsruhe Institute of Technology, Karlsruhe, Germany (June 16-18, 2014).

VI) FACULTY OF SOCIAL SCIENCES

- Dr. Swami Prakash Srivastava received Rajeev Gandhi Excellence Award and Certificate of Excellence for outstanding individual Achievement and Distinguished Services to the nation by Shree Balmiki Prashad Singh, Former Governor of Sikkim at India International Centre New Delhi on Aug. 24, 2013. He also was Resource Person in the Research Methodology Crash Workshop at Department of Economics and Rural Development, Dr Ram Manohar Lohia Avadh University-Faizabad, Oct. 25, 2013.
- Prof. Sanjeev Swami delivered a Key-Note Address on "Green Supply Chain Management" in the Workshop on "Next Generation Sustainable Freight Transportation" organised by Department of Management, Indian Institute of Technology, Delhi (In Collaboration with The University of Sheffield, UK; Rutgers, The State University of New Jersey, USA; Temple University, USA) on Aug. 8-9, 2013.
- Dr. Shalini Nigam was appointed a Member of the Panel of Inspectors for the Inspection of Dr. M.P.S. Group, College of Business Studies, Agra to accredit and grant permanent recognition for B.B.A course.
- Dr. K.Santi Swarup, Incharge Business Advisory Clinic, under the guidance of Chairman, Advisory Committee on Education (ACE), Dayalbagh has given advice in more than 7,000 business cases.
- Prof. S.K. Sharma was invited as Expert in Rajasthan Public Service Commission Board on Aug. 28-29, 2013.
- Dr. Sanjay Bhushan was appointed a Member, Editorial Board, *Greener Journal of Business and Management Studies*, USA. He was also appointed Expert Reviewer for the *International Journal of Issues in Business Management and Economics* (IBME), ISSN 2350-157X, 2013.
- Dr. Jyoti Gogia attended a Seven Day NSS Training and Orientation Programme from Aug. 1-7, 2013 at St. John's College, Agra.

- Dr. Rupali Satsangi was sanctioned a Research Project, "An Action Plan for Attaining Millennium Development Goals with Focus on Agra district" by UGC amounting 6,36,500/-
- Prof. Poornima Jain received Prof. L.P. Vidyarthi Memorial Award by the Indian Social Science Association at the National Seminar & Sensitization Workshop on "Society, Social Justice, Sustainability and Corporate Social Responsibility (CSR): Civil Society Industry Academia Interface for Future Perspectives. She was also invited to deliver a Key Note Address in the Seminar.
- Dr. Bandana Gaur received 'Shiksha Rattan Puraskar' for Meritorious Services, Outstanding Performance and Remarkable Role by Bhishma Narain Singh, former Governor of Tamil Nadu and Assam State at Seminar on "Economic Growth and National Integration" at New Delhi, 23rd December 2013, organized by India International Friendship Society, New Delhi.
- Prof. Poornima Jain was invited as the Chief Guest of the Valedictory Function of the National Seminar on "Contemporary Society and Issues of Gender Equality" on February 2, 2014, organized by the Department of Sociology, RCA Girls' (PG) College, Mathura. She was also invited to attend the Book Release Function and Two-Day 'National Conference on ICSSR Research Survey and Explorations Volumes in Sociology and Social Anthropology, on February 10-11, 2014 at JNU, New Delhi.
- Prof. Shiv Kumar Sharma has been nominated as External Member, Board of Studies, Department of Management, Jiwaji University, Gwalior, Department of Foreign Trade Management, ISS University, Jaipur for the terms of three and two years respectively.
- Prof. Poornima Jain was invited by Anokhi Club, Agra to participate in the workshop on Understanding the importance of Vote on March 26, 2014.
- - was invited as a Key Speaker on the topic "Dr. B. R. Ambedkar's Perspectives on Social Justice" in a seminar organized on the occasion of Dr. B. R. Ambedkar birth anniversary by the Institute of Social Sciences, Dr. B. R. Ambedkar University, Agra on April 14, 2014.
- Prof Shiv K Sharma was invited as Guest of Honour at 'AAGAZ', an event organized on April 23, 2014 by the Faculty of Management Studies, RBS, Technical Campus, Khandari, Agra.
- Prof S. P. Sinha, Dr. Kavita Kumar, Dr. Santi Swarup Kandikondo and Mukti Srivastava Narain, Purnima Bhatnagar, Dr. Shalini Nigam participated and contributed papers in the Twentieth Conference on "Towards Science of Consciousness (TSC 2014)", April 21-26, 2014, Tucson, Arizona, USA.
- Purnima Bhatnagar and Anoop Srivastava won the Best Paper Award at the Third Annual Commerce Convention on "Leveraging Business: Discovering New Horizons" held on April 12-13, 2014 for the paper 'Reflections on Corporate Social Responsibility and the Road Ahead.'

VII) TECHNICAL COLLEGE

- Dr. N. K. Dev was invited as a Panelist in the Workshop on Next Generation Sustainable Freight Transportation with joint collaboration of US, UK, and INDIA at the Indian Institute of Technology Delhi, New Delhi on Aug. 8-9, 2013.

A. TOTAL PARTICIPATION IN SEMINAR/CONFERENCES (NATIONAL AND INTERNATIONAL) = 122

B. TOTAL PUBLICATION IN NATIONAL JOURNAL/BOOKS/PROCEEDINGS: 85

C. TOTAL PUBLICATIONS IN INTERNATIONAL JOURNAL/BOOKS/PROCEEDINGS: 52

D. GRAND TOTAL OF ALL THE PUBLICATIONS: 137

STUDENTS' ACHIEVEMENTS

I) FACULTY OF ARTS

- Neelam Diwakar won the Consolation Prize in a Painting Workshop on 'Ganesha' organized by Ashoka Motors, Cosmos Mall, Sanjay Place, Agra, Sept. 2013.
- Neelam Diwakar won first position in the On-the Spot Painting, Deepti Chaudhary won third position in teh Cartoon-Making and Drishti Kulshreshta won third position in the Inter-University Youth Festival at the state level organised by MJP Rohilkhand University, Bareilly on February 25th, 2014.
- V.Achinta, M. Niharika and Darash Adhari, participated in the cultural programme in the 12th AIOC-IJO Diamond Jubilee Conference held at Agra on February 6-9, 2014 under the guidance of Dr. Neetu Gupta.
- Madhu Sharma won second position, Shalini Chowdhary won third position and Gayatri won first position in the Tabla in state level Tabla Competition organised by Sangeet Shiksha Kendra, Agra held on February 15, 2014.
- Jyoti Garg gave a Sitar Performance at Taj Mahotsav on February 20, 2014.
- Jyoti Garg, won first position in Sitar, Anshika Fauzdar won second position in Classical Vocal and V. Achinta won third position in Sitar in the state level Junior Level Category organised by Uttar Pradesh Sangeet Natak Academy, Lucknow.

II) FACULTY OF EDUCATION

- Priyanka Tiwari qualified the UGC NET examination held in June, 2013.
- Deepika Agarwal, Shibli Naaz, Lalitesh Tiwari, Harveer Singh and Vikrant Bhasker qualified the UGC NET examination held in June, 2013.
- Vaibhav Chauhan attended a Ten Day National Workshop on Research Methodology in Social Sciences Organized by School of Education, Central University of Himachal Pradesh, Dharamshala, sponsored by Indian Council of Social Science Research, New Delhi (Nov. 12-21, 2013).
- Archana Rajput was given the Best Paper Award for the paper entitled "A Study of Emotional Intelligence among Higher Secondary Students" Presented in International Conference on Reinventing Management Strategy: The Design for Future held at Institute of Management Studies, Ghaziabad, Indian council of Social science Research, Nov. 30, 2013.
- Deepti got the Second Prize in स्वचरित काव्य प्रतियोगिता, organized by Sanskar Bharti on 16 September 2013. She got the Third Prize in Inter Collegiate Essay-Writing Competition organized by Symboyzia Girls' College, Agra on Sept. 17, 2013.
- Abdul Sameer Khan, Dayal Sandhu, Manisha, Ajit Singh, Shibli Naaz and Vikrant Bhaskar qualified the UGC NET and JRF examination held in December, 2013
- Akanksha Singh Fauzdar, Jyotika Kharbanda, Furu Govind Singh Hansda, Laxmi Tiwari, Madhuri Singh, Reenu Dharia, Shristi Singh, Stuti Sharma, Priti, Soni Kumari, Renu Kardam, Deepak Kumar and Jyoti Manwani qualified the UGC NET examination held in December, 2013.

III) FACULTY OF ENGINEERING

- A General Technical Aptitude Test GTAT 2013 for Jr. Group (i.e. First yr.) was held on 13th Aug. 2013. One hundred nine students from first year Engg. participated in it. The purpose of organizing this competition was to improve students' logical and analytical abilities.

- To improve soft skills an Essay Writing Competition was organized on New Technologies and Sustainable Development on Aug 14, 2013 for 2nd year Students.
- A Management Aptitude Competition (MAC) 2013 was organized on Sept. 4, 2013 for senior Engineering students.
- Sarthak Bhargava, Viabhav Nigam and Kapil Arora presented a paper titled "An Analysis on the Deformation of Pure Copper During Multipass Equal Channel Angular Extrusion" at the International Conference on Advances in Manufacturing and Materials Engineering (ICAMME 2014) held from March 27-29, 2014 at National Institute of Technology, Karnataka.
- Sarthak Bhargava, Viabhav Nigam and Kapil Arora presented a paper titled "An Analysis on the Deformation of Pure Copper During Multipass Equal Channel Angular Extrusion" at the International Conference on Advances in Manufacturing and Materials Engineering (ICAMME 2014) held from March 27-29, 2014 at National Institute of Technology, Karnataka.
- Mohit Tiwari, Anurag Saran, Ankit Sood, Akshat Satsangi, Ankit Arora, Ankit Mittal, Achint Satsangi, Dhruv Bhandari, Nitin Kumar, Kashish Agarwal, Shubham Ratnam, Tushar Agarwal, Tanmay Mittal, Shubham Agarwal, Kapil Arora, Shubham Wahi, Anurag Maheshwari, Sagar Soni, Vaibhav Nigam, Vinayak Tiwari, Ashish Shakya, Tarun Agarwal, Deepak Kumar, Shivam Wahi, Saurabh Kumar Singh, Nitesh Verma, Sarthak Bhargava, Rahul Rathore and Prudhvi Teja Goli qualified GATE, 2014 with commendable percentile.

IV) FACULTY OF SCIENCE

- Kiran Singh got the NASI Swarna Jayanti Puruskar in 83rd Annual Session of National Academy of Sciences and Symposium on Space for Human Welfare at Goa University, Goa, December, 5-7, 2013.
- Purnima Sethi was awarded the Best Paper Award with a cash prize of Rs. 5,000/-, for the paper titled, "All-Optical Ultrafast Reconfigurable Logic Unit with Silicon Microring Resonators", at the IEEE Workshop on Advances in Photonics, held at IIT Delhi, Dec. 17-18, 2013.
- Priti Gupta and Aarat P. Kalra were selected for the MIT-Harvard-IITD Summer School in Neuroscience Resonance held at IIT Delhi from June 24 to July 6, , 2013.
- Dr. Sonal has been awarded Dr D. S. Kothari Post-Doctoral Fellowship funded by the University Grants Commission, New Delhi for the duration of 3 Years to work on the topic entitled Quantum Dots Sensitized Metal Oxides for Photoelectrochemical Generation of Hydrogen.
- Anurag Mayank (UGRA Awardee) , Dhruv Bhandari, Agam Bhamra, Akshar Srivastava of Robotics Group at NN Lab, published a paper titled "Real Time Map Generation and Obstacle Avoidance using Parallel Fuzzy Controller" in 2013 IEEE International Conference on Fuzzy Systems held in Hyderabad, India from July 7-10, 2013.
- Jyoti Chaturvedi Participated in International Workshop on "Computational Intelligence: Theories, Applications and Future Direction" held on July 13-14, 2013 in Dept. of Electrical Engineering, Indian Institute of Technology Delhi and IEEE CIS Chapter Delhi and discussed the future prospective of Evolutionary Algorithms with Prof. Has.
- Shilpa Varshney (Chemistry) qualified the CSIR NET JRF examination held in June, 2013.
- Nikita Sharma (Zoology), Shruti Sharma (Zoology), Priyanka Jain (Chemistry), qualified the CSIR NET examination held in June, 2013.
- Neha Satsangi has been awarded DST-INSPIRE (2014) Fellowship under a unique Scheme of Government of

India, Ministry of Science and Technology. The fellowship is at par with the JRF/SRF along with the Contingency grant of 5 years.

- Dr. Sonal Sahai, Post Doctoral Fellow, was given the most prestigious G. C. Jain Memorial prize for Best PhD Thesis in Material Science for the year 2014 on her thesis entitled 'Group II-IV Semiconductor Nanocrystals for Photo and Electroluminescence Applications'. She was shortlisted and invited for presentation at 25th Annual General Meeting of Material Research Society of India held on February 14, 2014 at Indian Institute of Science, Bangalore.
- Roopa Rani got the Best M.Phil Thesis award by Association of Separation Scientists and Technologists sponsored by Thermax at Bhabha Atomic Research Centre, Mumbai on February 28th, 2014.
- Ashi Ikram received the Best Oral Presentation Award for her paper entitled "Nano Approach Towards Power Appetizer 'Hydrogen' for Green Future" in the National Conference on Recent Trends in Chemical and Environmental Sciences (RTCES-2014) organised by Arni University, Kangra (H.P) on Feb. 27-28, 2014.
- Neha Satsangi participated in a one week International Workshop on "Human Cancer Cell Culture Techniques and MTT Assay" at the International Centre for Stem Cells, Cancer and Biotechnology (ICSCCB), Pune from February 9-15, 2014.

V) FACULTY OF SOCIAL SCIENCES

- Jyoti Agrawal and Ashita Bhatnagar won the Best Paper Award (Rs. 2500) for the paper entitled "All Channel Commerce- Reinventing the Shopping Experience" presented in International Conference on Reinventing Management Strategy- The Design for Future on Nov. 30, 2013 at Institute of Management Studies, Ghaziabad.
- Rubeena Khatoon, Gargi Sharma, Sumati Sahay, Nidhi Gurbaxani, Prachi Sharma, Shalini Sisodia, Himani Anand, Urvashi Sharma, Jyoti Kaushik, Shabda Joshi, Shaktiyanshi, Tanuja Srivastava participated in 9th Hypnotherapy Conference organized by Society for Clinical & Experimental Hypnosis (SCEH), India, Oct. 26-28, 2013:
- Himani Anand and Rubeena Khatoon were upgraded from Junior to Senior Research Fellowship under UGC Programme.
- Khusboo was selected for Doctoral Fellowship, ICSSR, NewDelhi in Nov., 2013.
- Sumi Goswami and Namrata Anand (Research Scholars) participated in the Faculty Development programme on Analytical Techniques for Research from December 30, 2013 to January 5, 2014 at the University School of Management Studies, Guru Gobind Singh Indraprastha University, New Delhi.
- Mahima Bhatnagar, Maanvi Mathur, Priya Seth, Yashi Paliwal, Akshaya Srivastava, Amrat Srivastava and Sameera Srivastava students of MBA final year were selected by HCL Technologies Ltd. as Management Trainees on an off-campus drive coordinated by Training and Placement Cell, Faculty of Social Sciences.
- Mohit Barua, Shashi Saraswat, Surabhi Jain and Vicse Verma, students of Post Graduate Diploma in Safety, Health and Environment, participated in a One Day Workshop on the theme "1st Step towards Corporate World" organised by the Dept. of Applied Business Economics, Faculty of Commerce, DEI, 2nd March, 2014.

VI) TECHNICAL COLLEGE

- Arat Bal, Umang Singh, Sushil Kumar, Sheetal Satsangi, Siddharth Mishra, Saran Thakur, Aman Satsangi, Amit Kumar, Swami Bhagat, Soami Saran, Charan Prasad and Akash Satsangi under the supervision of Shri Majer Singh, Lecturer in the Department of Automobile Engineering and Prof. Ajay Saxena of Faculty of Engineering developed an eco-friendly electric vehicle which was presented to the President of the Institute and is put on trial in DEI.

Chapter: 9**New Initiatives**

Since its inception, DEI has witnessed multidimensional growth which is phenomenal. DEI Education Policy lays emphasis on cooperative entrepreneurial education with multiple linkages ranging from household to international industry sector through SEZ-NDBS, Satellite Big Villages(B), Satellite Medium Villages(M), Satellite Small Villages (S) framework for development of MSMEs in the country.

DEI has moved forward to introduce vocational education, distance education, online education, Digital India@DEI, Skill India@ DEI, Clean India@DEI, Entrepreneurship India@DEI, Education India@ DEI, Solar India@ DEI.

Academic and Administrative Reforms**1. Online Admission**

Online- Admission is an Open source initiative of the Ministry of Human Resource and Development. The Institute provides a well-equipped and technology based admission process. Candidates seeking admission to the Institute must go through the detailed procedure for admissions and fill in the online application form till the mid-month of June every year being the last date to apply.

Candidates may fill and submit the Application form online (via. internet). Facility for online filling up of the Application form and uploading the documents is also available at Help-desk counter in the Central Administrative Office (CAO) of the institute. Online Helpdesk is a supportive and connecting facility being provided by the Institute to admission seeking students through e-mail/Chat for online support at: dei.onlineadmission.help@gmail.com

2. Tight Security Check & Surveillance

The institute ensures the safety and safeguard of the students and staff. A tight security checking criterion is being adopted from the moment one enters the University gate. Computerised smart IDs (identity cards) have been issued to each student and staff members which is a mandatory requirement for entry and exit from the Institute whereas DEI gate pass is being issued to every visitor and two - four wheeler entrants. Moreover, CCTV cameras are installed at the main gate and on the face of every faculty to monitor every bit of activity going on in time and space.

3. Pollution- Free Campus

Dayalbagh Educational Institute is situated in the midst of graciously serene environment surrounded by green plants and trees. The honb'l Director Prof. Prem Kalra had enthusiastically started a campaign entitled 'Swachh Bharat', mission of the Hon'ble Prime minister of India, encouraging all the students and staff to participate in keeping the Institute's surrounding clean and green. It fosters a sense of civic duty and self-discipline towards the cleanliness of the environment in every individual. Plastics are a NO inside the whole campus. For the conveyance of old and disabled individuals, facility of Battery-run vehicle and Solar Van is introduced in the campus from the gate to reach to various faculties.

4. Centralized Admission Process

A core team consisting of staff from all across the University has been constituted to make the admission process more objective, candidate- friendly , and efficient. A feedback on various aspects of the admission process such as difficulties faced in the process, behaviour of the invigilators, etc.

5. Centralized Examination System

All the examinations are conducted by a central team. Keeping in mind the comfort of the students, shifts of the examination have been increased to ensure with desirable space between the students in the examination hall.

6. Participative Method of Staff Recruitment

The institute outlays a participative, objective and democratic method of recruiting staff members both Faculty and Non-Faculty. Every candidate chosen exemplifies his/her deserving qualities and required skills as per the designation of the job. The institute channelizes a rational and indisputable selection criterion of candidates including Group discussion and Personal Interview.

7. Online Submission of Internal Assessment Marks

All the course in-charges are required to upload marks of all the components of their course within the stipulated time on the University's Web-site.

Undergraduate Courses

The innovative and comprehensive programme of undergraduate studies in the Institute has many distinctive features. In addition to the main academic courses, the programme includes Inter-disciplinary and ancillary electives, Work-based training and Core courses for all the students. The details are as follows:

- Main Academic Studies : Two major subjects are offered from the faculty concerned under the relevant stream/branch.
- Inter-disciplinary and Ancillary Electives : At least two half courses, of which one should be from a different faculty, are offered to further the cause of integrated education and also complement and support the major subjects.
- Work-based Training: Practical training in applied work related to one of the major subjects is provided to create willingness and capacity to work with one's own hands, develop skill and generate a spirit of self-reliance.
- Core Courses : With the purpose of overall development of the students and to inculcate human values in them, the following compulsory core courses are offered in different semesters:
 - o Cultural Education: It instills pride in the national ethos so that one may not lose one's moorings.
 - o Comparative Study of Religion: Concepts of Hinduism, Buddhism, Jainism, Judaism, Christianity, Islam, the Sant Mat and Modern Religious movements are introduced to students so as to ingrain an attitude of tolerance and a sense of national integration besides inculcating moral and spiritual values.
 - o Scientific Methodology, General Knowledge and Current Affairs: It nurtures a scientific temper among students and makes them aware of the contemporary developments.
 - o Rural Development: Study of rural society and economy has been introduced to foster a fuller understanding of the rural life with a view to appreciate properly the polity and the economy of our country and the social forces at work.
 - o Agricultural Operations: It develops a sense of humility, dignity of labour and appreciation for the hard work that farmers undertake.
 - o Social Service: It is offered to engender the spirit of brotherhood of man and to facilitate the establishment of casteless and classless society. The following programmes are included under social service:

- o Village Adoption for Rural Reconstruction
- o Adult and Continuing Education Programme
- o Co-curricular Activities: Cultural & Literary activities, Games & Sports, and Discipline are compulsory part of the curriculum for all-round development of the personality of individuals.
- Co-operative Education Programme for BTech

New Initiatives Taken by the University

A. Innovation in Education with ICT

Integration of ICT into education system is one of the innovative features of DEI. DEI has opened ICT centers at Amritsar, Delhi, Murar, Timarni and Rajabory and MTV puram.

- i). Blended Mode of Distance Education: Recorded video lectures are shown to the students and in Synchronous mode Live telecast of lectures is made in Video conferencing mode through EDUSAT or Internet.
- ii). V/e- DEI-de: Under this the vocational/electronic e-DEI Distance Education initiative modular Courses are run for the award of Certificate Diploma and Degree programs of study.
- iii). Virtual Laboratories: Virtual Advanced Laboratories have been set up for interactive design, Analysis, Testing in Electronics.
- iv). Vidyaprasar: It is the DEI's Open Online Learning and Live Webcast Portal. It hosts course websites with learning resources such as indexed lecture videos, lecture notes, question banks, quizzes, long lists & Wiki for 32 courses in Computer Science & Engineering.

B. Digital India @ DEI

The Dayalbagh Educational Institute has been at the forefront in deploying and harnessing the potential of Information and Communication Technology (ICT) in education, collaboration and community outreach. It has invested significantly in infrastructure, developed innovations in education with information and communication technology and has extended the benefits of ICT to the community with special focus on rural, tribal and underprivileged communities. The development and deployment of solutions has involved all multiple departments. Today the success of all the initiatives can only be attributed to the collective effort put in by all the concerned departments.

C. Skill India @ DEI

Skill development program in DEI started in the form of Technical School in 1927 with an objective of training students on vocational skills for better employability in industries.

But educational system of DEI realized the hidden advantage of early year skill development in students and a university wide compulsory core work based experience course was introduced in DEI system of education in 1976.

These well-customized work experience courses in different disciplines give students well structured opportunity to work with their own hands. Incremental skill generation education alongside the main education gives students an edge in the job market.

This experience of early year skill building has been transformed to pan-India initiative through the distance education programs. Where focus is on the uplift of youth in the rural zones by giving mentored vocational courses.

With the beginning of vocational degree programs in food processing and apparel manufacturing, skill building initiatives have taken a different dimensions. With a new objective of grooming future innovators and creative leaders, now DEI has created the right ecosystem to make the students job enablers. DEI envisions to create common workshops equipped with different facilities to encourage students to bring out their creative acumen and come with innovative marketable ideas. These ideas can be incubated in these common workshops under well experienced mentors.

E. EntrepreneurshipIndia@dei

DEI also proposes to create Association of Persons of students to give them experimental business launch pad to understand the business planning, marketing strategies and assessment of future market projections. These are 'By Student For Student' enterprises completely managed by students. Presently Catering and Garment manufacturing enterprises have been started and we envision to start technology incubators too.

F. Clean India @ DEI

Launched by the Hon'ble Prime Minister of India which was already existing in DEI as one of the essential components of its education Policy, was formally organized on 2nd October 2014 across the Institute. On this day the Institute organized Cleanliness Oath Ceremony for all the students and staff. The Director of the Institute launched a massive cleanliness drive on this occasion. In this programme all faculty members, staff and students of the Institute took active part which has now become a regular feature of the Institute.



G. SolarIndia@dei

The Dayalbagh Educational Institute (www.dei.ac.in) is one of the premier Universities of India. Dayalbagh, which translated into English means 'Garden of the Merciful' is a self-contained Eco-village with an organised way of life that conforms to the spiritual ideals of the Radhasoami Faith. Dayalbagh Educational Institute has taken bold initiatives in harnessing the non-conventional and renewable energy through Solar thermal and Solar Photovoltaic power plants. The institute has Solar Thermal Cooking systems in all the hostels. The whole university campus is powered by 9 Distributed Roof-Top Solar PV Power Plants aggregating to a total of 558.2kWp. Apart from the Dayalbagh campus of the institute, a total of 30kWp has been installed at its extension centres in various cities and about 150kWp within Dayalbagh colony for residential quarters and





institutions. The institute is unique in its commitment toward the cause of protection of environment and self-sufficiency in the area of renewable energy through Gracious Vision, Initiative, Guidance and Encouragement of Revered Chairman, Advisory Committee on Education, Prof. Prem Saran Satsangi Sahabji.

SMART MICRO GRID

Having commissioned the distributed SPV based micro grid of the institute, the challenge now is to make the system efficient, reliable and economically viable in the face of dynamic loading conditions, generation sources dependent on the vagaries of weather and the utility supply which is not very reliable. This is possible by integrated monitoring, communication, control and fault diagnosis of the system through a front end program at the central control station, resulting in a Smart Micro Grid. The talk would present following multi-dimensional R&D activities, which are in progress to indigenously develop the necessary infrastructure (sub-systems) which would ultimately enable the development of a Decision Support System for Optimal efficiency, economics and reliability.



- a Remote Real Time Monitoring and Control of inverter parameters
- b Remote Real Time monitoring of load parameters and remote control of Switchgear
- c. Smart Battery charging Control
- d. Water Pumping monitoring and control
- e Design and fabrication of low cost, robust and self-powered 2-axis Sun Tracking Stands for SPV modules
- f String monitoring and fault diagnosis of SPV modules
- g. FPGA based multi-function meters and protection devices with concurrent sense, process and communicate cycles.
- h. Optimization of resources to achieve optimal efficiency, economics and reliability through Goal Programming.

Other Interesting Projects in Renewable Energy

- Design and implementation of 20kWp distributed Solar Power Plants for abatement of diesel generators at various institutions of Rajaborari and Timarni in the forest region of M.P. in India.

- Design and deployment of SOLAR SYSTEM FOR WI-FI RADIOS in the forest region of Rajaborari with theft prevention measures (electric shock fencing and hooter alarm).
- Conversion of a Diesel Van into a Solar Electric Vehicle.
- Design and implementation of 5 kWp solar-wind integrated system at MTV Puram campus of DEI.
- Deployment of 25.5 kWp system at Prayer Hall in Dayalbagh.
- Depolymnet of 2kWp systems at Murar (Bihar) and Roorkee (Uttarakhand) Distance Education Centers of DEI.

H. HealthIndia@dei

HEALTHCARE AND RURAL DEVELOPMENT INITIATIVES FOR SOCIETY

The NSS Unit, DEI since 27th June 2010 has undertake significant initiatives towards providing health care services to people from nearby rural areas. Its team of doctors comprises specialists from various fields of medical science, i.e., Allopath, Ayurveda and Homeopathy. These initiatives include medical check-up, pathological tests (Haemoglobin, Blood Sugar, and Blood Culture etc), ECG, Ultrasound and provision of necessary medicines. All these facilities are provided to the needful absolutely free of cost. It has organised more than 100 free medical camps since 27th June, 2010. During these camps NSS volunteers, DEI also organises Awareness Programmes on cleanliness, Hygiene, evils of drug abuse etc. through discussion, posters, banners and pamphlets. The Healthcare initiatives of DEI also involve a system for the general healthcare of its students and staff. A team of doctors regularly takes care of general health of its hostellers, day scholars as well as employees, Quality of eatables in hostel mess and canteens are regularly inspected, students are admitted into the Institute after a thorough medical check-up, field activities have been incorporated in the courses so as to promote a healthy lifestyle among students, use of helmet by students and staff is mandatory to ensure safe driving and consumption of liquor and Tobacco is vehemently discouraged making DEI a Liquor and Tobacco Free Campus.

After VI Semester, every BTech student has to undergo 5 month internship in selected Industries under Co-operative Education Programme of DEI along with a few online courses. This enables him not only to understand the practical environment of Industry but also prepares him with solid foundation of practical knowledge to face interviews and secure a good job.

Specializations for BTech

BTech in Electrical Engineering: Apart from the broad-based General Electrical Engineering the following two specializations are available.

- o Specialization in Electronics
- o Specialization in Computer Applications

BTech in Mechanical Engineering : Apart from the broad-based General Mechanical Engineering, the following two specializations are available.

- o Specialization in Industrial Engineering
- o Specialization in Computer Applications

Students can opt for these specializations at the end of the fourth semester.

Component-wise Weightage: For the main Engineering Courses, it is about 35% in the First Semester but goes up to about 87% in the Final (VIII) semester. For Basic Sciences, Humanities & Management Sciences, Rural

Engineering, Seminars and Group Discussions and Co-curricular Activities, it is about 65% in the First Semester but goes down to about 13% in the Final Semester.

Post-Graduate Courses

- MA, MA (Social Science), MCom/MCom with Specializations in International Business/MSc (Home Science), MSc (Botany/Botany with Specialization in Plant and Microbial Technology/Chemistry/Computer Science/Mathematics/Mathematics with Specialization in Computer Applications/Physics/Physics with Specialization in Electronics/Physics with Specialization in Computer Science/Zoology

- Candidates may seek admission in Master's Programme in a discipline other than the discipline of their Bachelor's Degree (excluding the academic programmes offered by Faculties of Education, Engineering, and Science), provided they pass the entrance test conducted for that discipline.

The contents of these courses, their methods of teaching and evaluation are also innovative on the general pattern. The duration of the courses is four terms consisting of three semesters plus a summer term. At least two semesters are spent on course work, and the summer term and more than half of the last (third) semester on dissertation/project work.

• MBA

MBA program is of four semesters where students undergo foundation and general management courses of Business Management during initial 2 semesters. Thereafter, they undergo 5 month internship in selected Industries under Co-operative Education Programme of DEI along with a few online courses. During the final semester, the student takes specialization courses. Specialization streams available to the students of MBA are:

- o Marketing
- o Financial Management
- o Human Resource Management
- o Information and Operations Management

• MTech

MTech is offered in Engineering Systems by the Faculty of Engineering. The duration of the course is four semesters plus a summer term. However, for part-time MTech Programme, the normal duration is eight semesters plus a summer term.

MTech in Computer Science is offered by Physics & Computer Science Department of the Faculty of Science as a full-time programme of four semesters plus a summer term.

• PhD

It is a full-time course. However, the staff of the Institute can be registered as part-time research scholars. PhD programme is available in all the post-graduate departments of the Institute. Candidates can also register under joint guidance of a faculty from DEI as supervisor and co-supervisor from other institutes of higher learning/universities. Applications for PhD are accepted twice in each year in the months of February and August.

The Institute has fully implemented the UGC 2009 Guidelines for MPhil and PhD. Admissions are strictly on merit through Research Entrance Test (RET), interview and academic merit. One semester course work is compulsory for candidates joining PhD without MPhil degree.

MEMORANDUM OF UNDERSTANDING

The Institute has signed MoUs with the following prestigious International and National Universities and Institutes in India and abroad to enhance teaching and research activities:

National Universities/Institute/Companies

1. TATA Institute of Social Sciences, Mumbai

24-05-2014

2. Madhya Pradesh Bamboo Mission, Bhopal

02-03-2014

Right To Information Act. 2005 (RTI Act)

The Registrar of the Institute is the Appellate Authority and Administrative Officer (Computers) is Public Information Officer.

During the Report, the Institute received 42 no. of RTIs and all were responded.

PROCTORIAL SYSTEM

With a view to effect closer contact between students and teachers, to oversee the regular progress of the students and to help the students in general, all the students of the Institute will be divided into groups of 15 to 20 students each and placed under a member of teaching staff, called the Proctor. The Proctors will meet periodically to sort out the various issues and problems of the students in a free, frank and cordial manner.

Each Faculty will have a Proctorial Board consisting of Chief Proctor, Class Proctors and Class Captains. A senior faculty would be assigned the responsibility of the Chief Proctor of the Institute and he/she will be responsible for the maintenance of overall discipline in the campus.

DISCIPLINE

- The Institute places highest importance on the maintenance of discipline, cultivation of values and inculcation of the habits of regularity and punctuality.
- RAGGING IS PROHIBITED AND PUNISHABLE AND MAY RESULT IN EXPULSION/RUSTICATION/ SUSPENSION/FINE ETC.

ANTI-RAGGING MEASURES

Ragging is a punishable offence at DEI. Each prospective student is expected to give an undertaking that he/she is fully aware of the law regarding prohibition of ragging. The form is at Annexure-1. In addition, an undertaking as at Annexure-2 is to be signed by the parent. In addition, the following specific Anti-Ragging measures are adopted by the Institute:

- (i) The Chief Proctor of the Institute, along with the Proctors and Chief Wardens of hostels shall constitute the Anti-Ragging Committee. The Director shall be the Chairman of this committee. The committee will counsel the senior students with a view to curb ragging.
- (ii) The Director shall constitute an Anti-Ragging squad consisting of the Chief Proctor and Faculty Members to do mobile patrolling during break, and at the start and end of the day.
- (iii) Night checks are carried out at the junior students' hostels.
- (iv) Prominent posters are displayed at all vantage points of the Institute regarding the Anti-ragging policy of the Institute.

- Students shall not bring any non-vegetarian food, alcohol, drugs and other intoxicants inside the campus.
- Students wishing to represent any matter to the authorities should do so through their Proctor to the Chief Proctor/Dean of their respective faculty. They should not take law into their own hands but may report grievance(s), if any, to the authorities of the Institute for enquiry and action.
- Students are required to wear helmet while driving motorised two wheelers.
- Students are required to observe the rules, bye-laws and regulations of the Institute that may be framed from time to time.

Chapter: 10**Seminar/Conferences/Workshops Organized in DEI****FACULTY OF ARTS**

- A one day International Art Exchange Camp-2013 was organized in Department of Drawing and Painting on August 08, 2013. Ms. Sandra R Hensen, Art Nomad, CEO and Director of Operation ACE, USA was the Chief Guest. Ms. Ladia Larson, MFA, Kendall College of Art and Design, Italy also participated in the Workshop. Dr. Nawal Krishna, Art Historian & Museologist, Director of Operation-ACE was the Guest of Honour. Dr. Shivendra Singh, retired Associate Professor at this Dept. also participated as an artist.
- A two day Workshop on the 'Making of New B.F.A. Syllabus' was conducted in Department of Drawing and Painting on Dec. 6-7, 2013.
- Home Science Department organized a sensitization programme at Sunflower School and Bal Gyan Mandir, Agra regarding social, moral, ethical issues in school children on Dec. 11-12, 2013.
- Home Science Department undertook an Extension Activity on Dec. 12, 2013 with 40 women of Nagla Haveli where issues related to women empowerment like women education, dowry system, female foeticide, gender discrimination, women employment, etc. were focused through a 2-hour Street Play.
- Department of Sanskrit and Centre for Consciousness Studies jointly conducted a two-week Workshop on Spoken Sanskrit and IT Tools for Learning Sanskrit (laLd`r-IT 2013) from Aug. 15-19, 2013. Nine lectures were delivered by Prof. Prabha Sharma, Course Coordinator and the Valedictory Talk was delivered by Dr. P. Ramanujan, Associate Director, Indian Heritage and Language Computing Group, Centre for Development of Advanced computing C-DAC), Bangalore. Dr. Bani Dayal Dhir was the Co-Coordinator of the Workshop.
- The Department of Music organized a two day (March 10-11, 2014) National Seminar on the topic Research in Music: Scope and Areas (RIMSA-2014).

FACULTY OF EDUCATION

- A Two day National Drama Workshop on "Mulya Chetna Evam Chunautiyan" was organized on April 7-8, 2014. Chief Guest Padmashree Dr. D. K. Hazra delivered the inaugural address. Special Guests were Prof. Jitendre Raghuvanshi (Head, Videshi Bhasha Vibhag, Dr. B. R. Ambedkar University, Agra), Dr. Vinay Patsariya (Senior Dramatist, Agra).

FACULTY OF SOCIAL SCIENCES

- DEI-Wisconsin Workshop on "Intervention Approaches in Addressing Adolescent Issues through Cognitive Restructuring: Indian and American Perspectives", Jan.27,2014 at the Department of Psychology,DEI.
- Two Sessions on Resume Writing and Editing were organized by Department of Life Long Learning & Extension for the students of Post Graduate Diploma in Safety , Health & Environment at Faculty of Social Science, on Feb. 17 & 19 , 2014.
- A One Day Workshop on Curriculum Development in Management was conducted on Feb. 22, 2014 at the New Seminar Hall Complex , by the Department of Management.

TECHNICAL COLLEGE

- Two, one-week training workshops on Yamaha Motorcycle engines Bronze and Silver levels, were conducted between Sept. 23-28, and Nov. 18-23, 2013 for students of Certificate course in Motor Vehicle Mechanic (Two-wheeler) by the Trainers of India Yamaha Motor Pvt Ltd (IYMPL), Surajpur. This was the result of the MoU signed between the DEI and the IYMPL in the previous academic session.
- A batch of 36 students enrolled in the MVM (2-wh) programme were given the training which consisted mainly of practice on latest motorcycles in the workshop, besides some classroom teaching and discussion.
- A two day training workshop was conducted by the Institute and TVS Motors Co. Ltd. Hosur for Diploma Automobile Engineering students was held on Feb. 7-8, 2014.

FACULTY OF SCIENCE

- A Two-day Workshop on "Curriculum Development in Zoology" Jan.17-18,2014.

Guest/ Special/ Extension Lectures Organized in D.E.I

FACULTY OF ARTS

- A One-day Lecture Session on 'Theoretical Skills on Photography' was organized in the Department of Drawing and Painting on Oct. 17, 2013. The distinguished members of the Federation of Indian Photography Shri Anil Risal Singh, President of FIP, Dr. B.K. Sinha, Secretary General, FIP, Shri Amitabh Sil, Treasurer, FIP were the distinguished speakers of the session. These lectures covered various streams of professional photography.
- Mrs. Suryabala, renowned Hindi writer, Mumbai spoke on the topic "Samkaleen Hindi Kahani", Jan.18,2014. Prof. Rajendra Kumar, Hindi Critic & Ex Head, Department of Hindi, University of Allahabad, Lectured on "Navjagran aur Hindi Kavita", Jan.30,2014.
- Prof. Charlse Lindsey, University of Wisconsin, Oshkosh, USA. gave the inaugural lecture in the Department of Psychology, DEI on Jan.27,2014.
- Dr. C. Tulsi, an eminent clinical psychologist, Banaras, demonstrated the Psychodrama technique of Cognitive Restructuring in the Department of Psychology, DEI on Jan.27,2014.
- Department of Home Science organised a special lecture on Consumer Awareness by Shri K. S. Parmar, Chief Secretary, U.P. Upbhokta Kalyan Parishad, Lucknow and National Vice President, Consumer Federation of India on April 5, 2014.

FACULTY OF SCIENCE

- Prof. Duncan Gregory, WestCHEM Chair of Inorganic Materials & Head, Inorganic Chemistry, University of Glasgow, UK, gave a special lecture on "New Dimensions in Energy Materials" on Dec. 17, 2013 (Department of Chemistry).
- Department of Physics and Computer Science organised a special lecture by Prof. Gur Saran Adhar, Department of Computer Science, University of North Carolina, Wilmington on the topic "High Performance Computing", on Jan. 4, 2014.

FACULTY OF SOCIAL SCIENCES

- Dr. B.L. Pandit, Professor, Department of Economics, Delhi School of Economics, Delhi University delivered a lecture on the topic "Recent Currency Depreciation in India" in the Department of Economics on Oct. 19, 2013.

- An Extension Lecture was delivered by Dr. Anjoo Bhatnagar, Incharge, Pediatric Department, Escort Fortis, Faridabad on the topic: "Consciousness States of Child at Parental and Neonatal Stages of Development" in the Department of Psychology on Aug. 3, 2013.
- Prof. Akbar Hussain, Department of Psychology, AMU, Aligarh, Jan. 11, 2014, lectured on
 - (1) Dimensions of Spirituality
 - (2) Spiritual Approaches to Stress Management
- A guest lecture of Prof. Akbar Hussain, Dept. of Psychology, Aligarh Muslim University, Aligarh was organized at Department of Management on the topic "Spirituality in Management", On 15th April, 2014.
- On April 30, 2014, an Interactive Session was hosted by Department of Management on "How to Prepare for Research and Teaching Careers in the Area of Management". Resource persons were Prof. Ravi Shankar from IIT Delhi and Prof. Harsh Dwivedi, Dean, R. A. Podar Institute of Management, Rajasthan University, Jaipur.

FACULTY OF ENGINEERING

- M.M. Gupta, Director, Intelligent Systems Research Laboratory and Chairman of Centre of Excellence (IRIS) on Neuro-Vision Research, College of Engineering, University of Saskatoon, Saskatchewan, Canada lectured on "Fuzzy-Neural system: Theory and Applications", Jan, 22, 2014.

Visitors and Dignitaries at CART : Their Observations

○ Dr. A.S. Pant, Vice Chairman, AICTE, New Delhi (17.8.2013)

I am extremely happy and highly impressed to go through the DEI Campus and the visit to CART has been very eventful. "Dayalbagh Education" serves as a role model for education in country, particularly with the emphasis on "Value based" and "Community based" education that they are imparting.

The skill development initiative through their NVEQF Centre is also a commendable effort of the institute. I wish the DEI, a very bright future.

○ Mahendra Bapna, Former CEO Tata Enterprise, Advanced Leadership fellow- Harvard University (23.11.2013)

"I had an amazing experience of DEI today. Incredible set of people and passionate. I sincerely believe that the education model adopted by DEI's e-Vocational training is a step needed badly for our country. I would like to stay connected with this Institute and use these simple ways or learning for rural India. DEI would be a great research partner in scaling efforts for vocational education".

○ Shri Pradeep Bhatnagar, (IAS), Commissioner, Agra visited Dayalbagh Educational Institute on Dec. 21, 2013.

○ Mr. Tarun Kapoor, (IAS), Joint Secretary, Ministry of New and Renewable Energy, New Delhi visited Dayalbagh Educational Institute on Dec. 24, 2013.

○ Dr. Satish Balram Agrnihotri, Secretary, MNRE, GOI visited Dayalbagh Educational Institute on 5th March, 2013.

○ Prof. V.S. Raju, Former Director, IIT, Delhi visited Dayalbagh Educational Institute on 11-12 March, 2014.

○ Shri Rajendra Nimje, M.D. Solar Energy Corporation of India visited Dayalbagh Educational Institute on (26th & 27th April, 2014)

- **Shri Satya N. Mohanty, I.A.S., Secretary (Higher Education), Ministry of Human Resource Development, Government of India, New Delhi** visited Dayalbagh Educational Institute as a chief guest of the 33rd convocation

○ THE THIRTY-THREE CONVOCATION

The Thirty-Three Convocation of the Institute was held on Jan. 3, 2015 in the Convocation Hall of the Institute with Shri Satya N. Mohanty, I.A.S., Secretary (Higher Education), Ministry of Human Resource Development, Government of India, New Delhi, as the Chief Guest. Prof Prem Kumar Kalra, Director of the Institute, presented the Annual Report besides conferring diplomas and degrees and Ph. D awards. The Convocation was presided over by President of the Institute, Shri Prem Kumar, IAS (Retd.), who also gave away the medals to meritorious students.

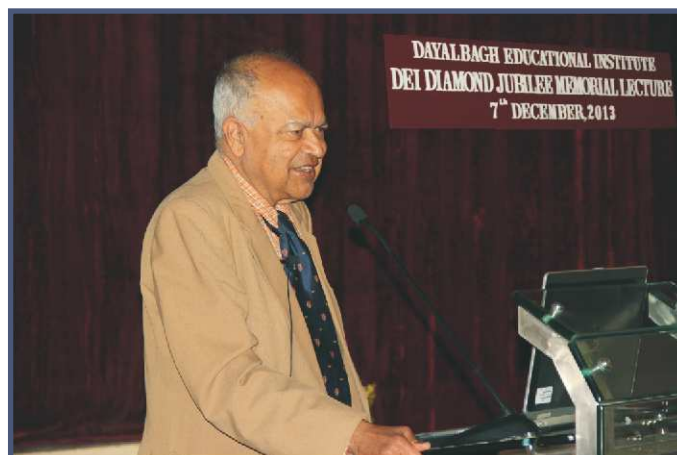


The Convocation Address emphasized on 'Education and Beyond'. Higher Education is strongly and positively correlated with economic development on the one hand and higher earning power for the person on the other. It empowers an individual and enables a nation. The nation gains when there is an educated work force which can value add. As an individual, a person earns better, contributes to the society, and becomes a better citizen apart from being empowered to cut through the maze of deflators such as status, low wealth and other problems which inhibit a person from achieving his full potential. As the August Founder of Dayalbagh Educational Institute has said so succinctly that "Education, more education, education made perfect is the only panacea for our country's ills and evils."

It is gratifying to note that, this institution, born out of the vision and benevolent action of its Revered Founder Sir Anand Sarupji, has marched ahead continuously and has become a beacon of light for others. Sir Anand Sarupji was a visionary who believed in a society which is enlightened in a holistic sense. His approach is not only all the more relevant today, it is also a reminder about what we even missed sight of.

DIAMOND JUBILEE MEMORIAL LECTURE

The DEI Diamond Jubilee Lecture was held in the Convocation Hall of the Institute on December 7, 2013. The lecture was delivered by Prof. Jayant Vishnu Narliker, ex-Director and presently Emeritus Professor, Inter University Center for Astronomy and Astrophysics, Pune. The programme began with the Director of the Institute, Professor Prem Kumar Kalra introducing the Chief Guest and the Registrar of the Institute, Professor Anand Mohan highlighting the history of the Diamond Jubilee Memorial lecture series.



The topic of Professor Narliker's lecture was "Are We Alone in This Universe?" While addressing the students, staff and the dignitaries of Dayalbagh, Prof. Narliker raised the question that has been puzzling scientists all over the world for ages, which is, whether there exists life in other universes. Professor Narliker

very interestingly explained the various efforts he and his team have been making to make contact with life forms that may exist in the outer space. This includes messages in code language. Different experiments in this direction clearly reveal that we are not alone in the universe and it is only a matter of time before scientists will have clear proof that life exists in other universes too.

The programme ended with a few questions from the audience and the vote of thanks proposed by the Dean, Faculty of Science, Professor L.D. Khemani.

New Courses Introduced from the Session 2014-15

The following new courses are being started

1. Four-Year B. Tech. Degree Programme in Footwear Technology
2. Four-Year Part-Time B. Tech. Degree Programme in Electrical Engineering
3. Three-Year B. Voc. Programme in Apparel Manufacturing
4. Three-Year B. Voc. Programme in Food Processing and Preservation
5. One-Year Diploma in Automobile Engineering : DEI-Community College (DEI-CC) corresponding to NVEQF/NSQF Levels
6. Modular Programmes of Nine (9) Weeks duration are offered for 10+ candidates in the following Vocations:

Vyavasayik Hindi, Creative Writing, Translation, Traditional Indian Miniature Painting, Folk Songs of India, Repair and Maintenance of Musical Instruments, Gayaki of Agra Gharana, Photography and Photojournalism, Block Printing, Solar Energy, Bamboo Technology and 3D Printing is offered to 12+ with PCM.

Annexure - 1**ANNEXURE FOR PARTICIPATION IN CONFERENCES/SEMINARS/WORKSHOPS****Faculty of Arts**

- Amit Johri attended the National Photography Tour on 'Spiti Valley' organized by Federation of Indian Photography & Blossom Photo Club, Mumbai at Spiti, July 21-30, 2013 and also attended the International Photography Workshop on 'Love with Taj at Sharad Purnima' organized by the Federation of Indian Photography & Taj Camera Club, Agra, Oct. 16-19, 2013.
- Meera Sharma, "Vedeshu Atm Prabandhanam", International Sanskrit Conference organized by Delhi Sanskrit Academy (Government of India), New Delhi, Aug. 23-25, 2013.
- Nandini Johri, "*Stevia rebaudiana* A Miraculous Sweet Herb- Its Nutrient Composition and Acceptability Amongst Type- 2 Diabetics", 45th Annual National Conference of Nutrition Society of India, held at National Institute of Nutrition, Hyderabad, Nov. 21-22, 2013. (She was also given the Best Paper Award for this.)
- Anita, "Vedic Upadesh 'Manurabhava' ki Vartaman Mein Prasangikata", National Conference organized by Wider Association for Vedic Studies (WAVEC), ABSP, University of Lucknow Nov. 22-24, 2013.
- 18th Congress of the Rock Art Society of India, organized by Dr V.S. Wakankar Archaeological Research Institute, Archaeological Museum, Government of Madhya Pradesh, Shyamala Hills, Bhopal, Dec. 6-8, 2013 :
 - Abhimanyu, "Big Mace in the Rock Art of Chattaneshwar in Chambal Valley and Continuation of the Tradition".
 - Arti Sharma, "Miniature Composition in the Rock Art of Chaturbhujnath Nala".
- International Conference organized by Kriti Kala Sansthan, Agra Dec. 7-8, 2013 :
 - Neetu Gupta, "Sangeet Evam Adhyatm."
 - Gauri Khanna, "Swar Ki Abhivyakti Mein Chetna Ki Anubhuti."
- International Conference on "Impact of Fine Arts on Communicative Competency and Psychological Well Being" at Harprasad Institute of Behavioural Studies, Agra Dec. 7-8, 2013 : Rashmi Srivastava, "व्यक्तित्व के चहुँमुखी विकास में संगीत का योगदान".
 - Vijay Kumar, "चित्रकला, अध्यात्म एवं सौन्दर्य".
 - Sonika, "Effect of Transformative Learning Approach on Performance in Art".
 - Lucky, "नवीनता, सत्यता एवं काल्पनिकता को खोजती महेन्द्र पंड्या की मूर्तिकला".
- Seema Kashyap, "Awareness Among Adult Subjects Regarding Importance of Succession and Will for Inheritance of Property and Assets", XXX Biennial Conference of Home Science Association of India '100 years of Home Science: Retrospect and Prospects', Maharaja Sayajirao University of Baroda, Vadodara, Dec. 19-21, 2013.
- International Conference on 'Timeless Miniature Paintings', Department of Drawing & Painting, University of Rajasthan, Jaipur, Dec. 29-31, 2013 :
 - Namita Tyagi, "Laghu Chitron Mein Virup Akritiyon Ki Vilakshan Abhivyakti".

- Sonika, "Mankot Miniature Painting with reference to *Bhagavata Purana*".
- Srashti Jain and Avijeet Kumar Sinha, "पोथी चित्र शैली में जैन लघु चित्रण का महत्व सन्दर्भ : जैनाचार्यमानतुंग द्वारा रचित सचित्र भक्तामर स्त्रोत".
- Anshuli Shukla, "लघुचित्रण शैली से प्रभावित समकालीन कलाकार".
- Pragati Garg, "सतीश गुजराल की चित्र सृजनता".
- Richa Yadav, "मुगलकला जहाँगीरकालीन चित्रों में यूरोपीय प्रभाव".
- Shivani Gupta, "सुमहेन्द्र के चित्रों में प्रयोगधर्मिता".
- Reeta Sharma, "पहाड़ी लघुचित्रण शैली में प्रतीकात्मक निरूपण".
- Dr. Sudha Sahgal presented a paper entitled "Raga Dynamics and Psychomusicology: A Critical Study" on June 18, 2014 in Indian Institute of Advanced Study, Shimla.

Faculty of Commerce

- Bhawna Johri, "E-Commerce : Global Challenges and Opportunities", 13th International Conference on Emerging Trends, Challenges & Opportunities in Global Business, Management, Tourism & Information Technology, Goa, Sept. 28-29, 2013.

Faculty of Education

- International Seminar on Non-Violence and Peace Education organized by Sridhar University, Pilani, Rajasthan, Sept. 7-8, 2013 :
 - Karnica Vyas, "Digital Media & Technology: A Catalyst in promoting Peace Education".
 - Vaibhav Chauhan and Sadhna Sharma, "Education for Awareness and Prevention of Cyber Violence".
 - Archana Rajput, "The Role of Educator in Enhancing Social Relation Through Peace Education In learners".
 - Meeta Verma and Sonam Mehta "Education for Sustainable Development as Peace Education".
- Seventh Indian Students Systems Conference, organized by DEI-Dayalbagh Chapter of Systems Society of India, Paritantra-2013, Sept. 14, 2013:
 - Sonam Mehta and Punya Mehta "DEI-DNA Imbibing Religion with Science and Values with Innovation".
 - Vaibhav Chauhan and Sadhna Sharma, "Synchronization of Vocational Education with Distance and Open Education Program".
- Archana Rajput, "Political Psychology and Voting Behavior" International Conference on Applicability and Relevance of Psycho-Educational Testing in Human Life organized by Harprasad Institute of Behavioural Studies (HIBS), Agra, Sept. 21-22, 2013.
- Sadhna Sharma and Sona Ahuja, "Consciousness Quotient Inventory Administration on Adolescents: Difficulty Level Assessment", International Conference on Education and Psychology Challenges Teachers for the Knowledge Society (EPC TKS 2013), Romania Oct. 24-27, 2013.
- Amit Gautam participated in Workshop on "Choice Base Credit System in Institution of Higher Education in India" organized By National University of Educational Planning and Administration (NUEPA), New Delhi, Oct. 28-30, 2013.

- Bajrang Bhushan attended National U.G.C. Yoga Event 2012, Vishwavidyalayi Shiksha, C.H.C. Athletic Association, Varanasi, Nov. 4-5, 2013.
- International Conference on Reinventing Management Strategy- The Design for Future (IC-RMS 2013), Institute of Management studies, Indian Council of Social Science Research, Ghaziabad, Nov. 30, 2013 :
 - Amit Gautam, Bajrang Bhushan & Sneha Gautam, "The Role of Information and Communication Technologies in Higher Education." (It was also given the Best Paper Award.)
 - Archana Rajput, "A Study of Emotional Intelligence among Higher Secondary Students."
- 47th Annual International Conference on Role of Statutory Bodies in Quality Assurance of Teacher Education: A Global Perspective organized by Khalsa College of Education, Amritsar, sponsored by IATE, Nov. 22-24, 2013 :
 - Indira Sharma and Sonam Mehta "Teacher Education, Preparing Teachers for Blended Classroom: Moving from Regurgitation to Application Perspective."
 - Vaibhav Chauhan and Sadhna Sharma, "Increasing Threat of Cyber-Violence among Adolescent Students: Need for Curriculum Reforms and Role of Statutory Bodies."
 - Archana Rajput, "Emotional Intelligence: A Stream And Gender Based Study in Indian Context."
- Sona Ahuja participated in International School on Quantum and Nano Computing Systems and Applications (QANSAS, 2013), Dayalbagh Educational Institute, Agra Nov. 27 to Dec. 1, 2013.
 - Effect of Transformative Learning Methods on Performance in Art", International Seminar on Impact of Fine Arts on Communicative Competency and Psychological Wellbeing' organised by Kriti Kala Sansthan, Agra. Sponsored by Ministry of Culture. Dec. 7-8, 2103.
- International Seminar on Teaching as Profession organized by Baikunthi Devi PG Girls' College, Agra, Dec. 15-16, 2013 :
 - P S Tyagi & B.S. Gupta, "B.Ed Star Par Pariksharthiyon Ke Shikshan Abhyas Se Sambandhit Kathinaiyion Ka Adhyayan."
 - Archana Rajput, "Professional Ethics and Accountability of Teaching."
 - Amit Gautam, "Role of e-Learning in Higher Education."
- Nandita Satsangee, presented paper on "Intuitive Abilities of Students in Holistic & Non-holistic learning environments" in 21st International Conference on *Toward a Science of Consciousness*, April 21-26, 2014, Univ. of Arizona, USA.
- Nandita Satsangee, presented paper on "Mind fullness & conscious Leadership" 21st International Conference on *Toward a Science of Consciousness* in 21st International Conference on *Toward a Science of Consciousness*, April 21-26, 2014, Univ. of Arizona, USA.
- Savita Srivastava, presented paper on "Peace and Consciousness: An Integrated Approach for a Sane & Harmonious World" at the Twentieth Conference on Toward a Science of Consciousness, TSC 2014, Centre for Consciousness Studies, the State University of Arizona, Tucson, USA, April 21-26, 2014.
- Meenu Singh, presented paper on "The Effect Of Drivers' Consciousness On Environment Protection And Car Safety In Context Of Tire Pressure", Center for Consciousness Studies, Tucson, Arizona, April 21-26, 2014.

- Sona Dixit, presented paper on “Teacher Education in DEI” at E Forum on Technical and Vocational Education and Training, UNESCO UNIVOC, France, 26-29 May 2014.
- Nandita Satsangi, Dr. Savita Srivastava, Dr. Meenu Singh, presented papers on “Toward a Science of consciousness” in a conference held at Arizona, U.S.A. 2014.
- Dr. Savita Srivastava, participated in The Twenty first Conference on Toward a Science of Consciousness and presented a paper entitled, “Peace and Consciousness: An Integrated Approach for a Sane & Harmonious World”, organised by the Centre for Consciousness Studies, The State University of Arizona, Tucson, USA, April 2014.
- Sona Ahuja, Mystical Experiences and Pure Consciousness Events, International Conference, Towards a Science of Consciousness (TSC), Centre for Consciousness Studies, Tucson, Arizona, 21-26 April, 2014.
- Sona Ahuja, Sadhna Sharma, Consciousness Quotient as a Predictor of Executive Functioning in Adolescents, International Conference, Towards a Science of Consciousness (TSC), Centre for Consciousness Studies, Tucson, Arizona, 21-26 April, 2014.

Faculty of Engineering

- D.K. Chaturvedi and Manish Arya, “Correlation Between Human Performance and Consciousness”, IEEE-International Conference on Human Computer Interaction, Saveetha School of Engineering, Saveetha University, Thandalam, Chennai, Aug. 23-24, 2013.
 - “Quantum Evolutionary Algorithms”, 2nd National Conference on Security Issues in Networking Technology (NCSI-2013), Shri Ram College of Engineering and Management, National Expressway, A.B.Road, Banmore, Gwalior (M.P.), Aug. 24-25, 2013.
- Ravindra Bhardwaj, Manish Arya and D.K. Chaturvedi, “How is Worker Performance Related to Their Consciousness?”, PARITANTRA 2013, Seventh Indian Students Systems Conference, Quantum-Nano Systems Centre and Centre for Consciousness Studies, DEI, Dayalbagh, Sept. 13-14, 2013.
- D.K. Chaturvedi and Devendra Kumar, “Intelligent Testing Bench for Ceiling Fan”, IEEE- International Conference on Computational Intelligence and Communication Networks (CICN 2013), GLA University, Mathura, Sept. 27-29, 2013.
- D.K. Chaturvedi, Md. Sharif Iqbal and Mayank Pratap Singh, “Health Monitoring Techniques of Induction Motor: An Overview”, 4th International Conference on Emerging Trends in Engineering and Technology (IETET- 2013), IEEE and Geeta Institute of Management and Technology, Kurukshetra, Oct. 25-27 2013, pp. 469-477.
- Arunesh Kumar Singh, Amit Kumar Sharma, Ibraheem and D.K. Chaturvedi, “Eddy Current Braking System for High Speed Trains: A Review”, International Technical Conference on High Speed Rail Travel: Low Cost Solutions, Institute of Rolling Stock Engineers in India with Support from Indian Railways and RITES, New Delhi, Oct. 29-30, 2013.
- National Conference on Globalized Leading Edge Technologies in Engineering (GLETE 2013), Eshan College of Engineering, Mathura U.P., Nov. 15-16, 2013 :
 - Yashu Swami, “Single True Power Clocked Full Adiabatic Circuit Designing for High Frequency Low Power VLSI Circuits”.
 - D. K. Chaturvedi, Mayank Pratap Singh and Md. Sharif Iqbal, “Stress Analysis of Induction motor during its starting under different operating conditions.”

- D.K. Chaturvedi, Man Mohan and Tanveer Quamar, "PID Gain Optimization using Modified Neural Approach for Inverted Pendulum Control."
- D.K.Chaturvedi, Md. Sharif Iqbal and Mayank Pratap Singh, "Different Faults in an Induction Motor and Their Diagnostic Techniques."
- D. K. Chaturvedi, Mayank Pratap Singh and Md. Sharif Iqbal, "Soft Computing Techniques for Parameter Estimation."
- D. K. Chaturvedi, Ashish Chandiok, Avhi Gupta and Alok K. Jain, "Voice Controlled Wheel Chair."
- D.K. Chaturvedi, Manmohan and Tanveer Quamar, "Inverted Pendulum Control Problem: An Overview."
- D.K. Chaturvedi,Ravindra Bhardwaj and Minish Arya, "Relationship Between Healthcare Workers Performance to Their Consciousness Level."
- IEEE Co-Sponsored 7th International Conference on Advanced Computing and Communication Technologies (ICACCT™-2013), in association with INDERSCIENCE Publishers, UK, IETE, IEE Computer Society and Asia Pacific Institute of Information Technology SD India, Panipat (Haryana), Nov. 16, 2013 (The following papers were also published in the Conference *Proceedings*):
 - D.K. Chaturvedi, Akash Gautam, Mayank Pratap Singh and Md. Sharif Iqbal, "On Line Fault Identification of Induction Motor using Fuzzy System."
 - D. K. Chaturvedi and Rajeev Satsangi, "The Correlation Between Student Performance and Consciousness Level."
 - Yashu Swami, "Fully Adiabatic Technology for High Speed Low Power VLSI Designing".
- Yashu Swami, "Adiabatic Logic in Low Power VLSI Design", International Workshop "QANSAS-2013" held in Quantum and Nano Centre, DEI from Nov. 27 to Dec. 1, 2013. (Poster presentation)
- Vikas Pratap Singh, B. Ravindra, Vivek Vijay, S. Jothi Basu and D.K.Chaturvedi, "Ground Based Measurement for Solar Power Variability Forecasting Modelling Using Generalized Neural Network", 37th National Systems Conference, Indian Institute of Technology, Jodhpur, Rajasthan, Dec. 5-7, 2013.
- Yashu Swami, "Single Phase Power Clocked PTAL Technology for High Speed Low Power VLSI Designing", International Conference CISCON-2013, Manipal Institute of Technology, Manipal, Karnataka, Dec. 20-21, 2013.
- Yashu Swami, "Static CMOS Technology Versus Power Clocked PAL Technology for High Speed Low Power VLSI Designing". International Conference ICATET-2013, Arya College of Engg. & Technology, Jaipur, Dec. 19-20, 2013.
- International Conference on Soft Computing for Problem Solving (SocProS2013), Jointly organized by Saharanpur Campus of IIT Roorkee and Co-organized BISC, Department of Electrical Engineering and Computer Science, University of California, Berkeley, USA, Dec. 26-28, 2013 :
 - D.K. Chaturvedi, Arunesh Kumar Singh and Jitendra Singh, "Speed Control of Three Phase Induction Motor Drive using Soft Computing Technique."
 - D.K. Chaturvedi and Mayank Pratap Singh, "Parameter Estimation and Soft Computing Techniques."
 - D.K. Chaturvedi and Anand Premdayal Sinha, "Short Term Load Forecasting (STLF) using Generalized Neural Network (GNN) Trained With Adaptive GA."

Faculty of Science

- Jitendra Kumar, Lotika Singh, Sandeep Paul, "GPU Based Parallel Cooperative Particle Swarm Optimization using C-CUDA: A Case Study" 2013 IEEE International Conference on Fuzzy Systems, Hyderabad, India, July 7-10, 2013.
- Radhika Singh, Yogita Singhal and Payal Mittal "Coupled Production of Biohydrogen and Bioelectricity from Dairy Wastewater using Modified Graphite Electrodes", BioH₂ 2013 Conference organised by the Biohydrogen Division of the International Association of Hydrogen Energy at Montreal, Canada, Aug. 5-7, 2013.
- Dipika Sharma, "Enhancement of Photoelectric Conversion Properties of $\text{Al-Fe}_2\text{O}_3/\text{Cu}_2\text{O}$ Bilayered Photoanode" International Conference on Nano Science and Technology (ICNST), Sept. 16-17, 2013, New Delhi (Also published in *Int. J. MMM*, 2(1), 2014, pp. 51-55).
- Nirupama Singh and Anuradha Verma, "Photoelectrochemical and Photocatalytic Splitting of Water using Semiconducting Nanocrystalline Powders and Thin Films", World Renewable Energy and Technology Congress (WRETC), New Delhi, Sept. 25-27, 2013.
- Second International Conference on Agriculture, Food Technologies and Environment New Approaches held at Jawaharlal Nehru University, New Delhi, Oct. 19-20, 2013 :
 - Roopa Rani, Kiran Singh and M M Srivastava, "*In vitro* Antioxidant Activity of Some Edibles Bearing Nutritional Value."
 - Kiran Singh, TJM Sinha and Shalini Srivastava, "Development of 'Environmental Friendly Aminated Nanocrystalline Cellulose' for Decontamination of Arsenic Species from Water Bodies: Bioremediation."
- Shruti Sharma and Nikita Sharma attended a Training Course on Application of Research Techniques in Reproductive Biomedicine held at NIHFW, New Delhi, Oct. 21 to Nov. 1, 2013.
- Dipika Sharma, "Nanostructured $\text{TiFe}_2\text{O}_3/\text{Cu}_2\text{O}$ Bilayered Thin Films for Photoelectrochemical Water Splitting" *Proceedings of American Institute of Chemical Engineers (AIChE)*, San Francisco, U.S., Nov. 1-3, 2013.
- 54th Annual Conference of Association of Microbiologists of India (AMI-2013), the Platinum Jubilee Celebrations for Association of Microbiologists of India (AMI) (Estd: 1938) and International Symposium on 'Frontier Discoveries and Innovations in Microbiology and its Interdisciplinary Relevance' (FDMIR-2013) Rohtak, Haryana. Nov. 17-20, 2013:
 - Alka Prakash and Garima Sharma, "Comparative Proteomic Analysis of Planktonic and Biofilm Cells of *Cronobacter Sakazakii*."
 - Mahima Verma and Alka Prakash, "Isolation of *Staphylococcus* from Raw Camel Milk and its Control Using Various Antibiotics and Probiotics."
 - Nikita Sharma and Alka Prakash, "Effect of UV Irradiation and Microwaves on *Lactobacillus fermentum*."
 - Shruti Sharma and Alka Prakash, "Effect of UV Irradiation on *Listeria monocytogenes* and *Cronobacter sakazakii*."
 - Priyanka Gautam and Alka Prakash, "Antimicrobial Effect of bacteriocin from *Lactococcus lactis* Isolated from Cottage Cheese and its Effect on *Listeria monocytogenes*."

- Priyanka Gautam and Alka Prakash also presented a poster in "Antimicrobial Effect of Bacteriocin from *Lactococcus Lactis* Isolated from Cottage Cheese and its Effect on *Listeria Monocytogenes*".
- Priyanka Gautam also attended Pre-conference International workshop and Satellite Symposium on Entrepreneurship Development, Nov. 17, 2013.
- Mahima Verma, Nikita Sharma and Shruti Sharma attended International Workshop and Satellite Symposium on Entrepreneurship Development held at MDU, Rohtak, Nov. 17, 2013.
- International Conference on Nanoscience and Nanotechnology, BBAU Ambedkar University Lucknow, Nov. 18-20, 2013 :
 - Kiran Singh, TJM Sinha and Shalini Srivastava, "Cellulosic Nanocomposites."
 - Snigdha Rai, Ashi Ikram, Sonal Sahai, Sahab Dass, Rohit Shrivastav and Vibha R. Satsangi, "A Comparative Study on GNP-Hematite and CNT-Hematite Modified Thin Films for PEC Generation of Hydrogen."
 - Ashi Ikram, Sonal Sahai, Snigdha Rai, Sahab Dass, Rohit Shrivastav and Vibha R. Satsangi, "A Comparative Study on CdSe QDs- Hematite Thin Film Prepared by Electrodeposition & Spray Pyrolysis For PEC H₂ Generation."
 - Sugandha Verma, "Biogenic Stable Silver Nanoparticles Synthesized Using *Spirulina platensis*."
- Shilpa Varshney, "Industrial Effect on Health and Environment: Challenges and Suggestions (A Case Study of Firozabad Glass Industry)", National Conference on Heavy Metals in Environment, School of Environment Science, Mahatma Gandhi University, Kottayam, Kerala, Nov. 28-30, 2013.
- Dipika Sharma, "Nanostructured Batio₃/Cu₂O Heterojunction Thin Films for Photoelectrochemical Splitting of Water" Directions in Material Science (DMS) held from Dec. 1-3, 2013 in JNCASR, Bangalore (Also published in the *Proceedings*).
- 83rd Annual Session of National Academy of Sciences and Symposium on Space for Human Welfare, Goa University, Goa, Dec. 5-7, 2013 :
 - Kiran Singh, TJM Sinha and Shalini Srivastava, "Synthesis Characterization of Nanocrystalline Cellulose for Decontamination of Cr(III) and Cr (VI) from Water Bodies: Relevance to Human Welfare."
 - Roopa Rani and M.M. Srivastava, "Determination of Preservative in Milk by High Performance Thin Layer Chromatography."
 - Prachi Bansal, N Ganesh and M. M. Srivastava, "Isothiocyanates Enriched *Eruca Sativa* Seed Oil as Promising Antioxidant and Anticarcinogenic Bioagent: Boon for Society."
 - Isha Bansal, Roopa Rani and M. M. Srivastava, "Online HPTLC Detection of Antioxidant in *Allium Cepa* L.: A Green Method."
- Santendra Kumar Soni, participated in National Seminar on National Integration, organized by Academic Staff College, AMU, Aligarh, Dec. 15, 2013 and won the First Prize in Slogan Writing category.
- International Union of Materials Research Societies International Conference in Asia 2013 (IUMRS-ICA-2013), IISC Bangalore, Dec. 16-20, 2013 :
 - Sonal Sahai, Ashi Ikram, Snigdha Rai, Sahab Dass, Rohit Shrivastav and Vibha R. Satsangi, "CdSe Quantum Dots Sensitized Mesoporous Hematite for Photoelectrochemical Generation of Hydrogen."
 - Ashi Ikram, Sonal Sahai, Snigdha Rai, Sahab Dass, Rohit Shrivastav and Vibha R. Satsangi,

Morphological, Optical & Photoelectrochemical Properties of CdSe Quantum Dots Decorated α -Fe₂O₃ Thin Film."

- Snigdha Rai, Ashi Ikram, Sonal Sahai, Sahab Dass, Rohit Shrivastava and Vibha R. Satsangi, "Photoelectrochemical Performance of Fe₂O₃-GNP Thin Films for Solar Generation of Hydrogen."
- IEEE Workshop on Advances in Photonics, IIT Delhi, Dec. 17-18, 2013 :
 - Chandresh Yadav and Sukhdev Roy, "Ultrafast All-Optical Logic with Cytochrome-C."
 - Purnima Sethi and Sukhdev Roy, "All-Optical Ultrafast Reconfigurable Logic Unit with Silicon Microring Resonators."
- Santendra Kumar Soni, participated in National Environment Awareness Campaign, organized by Academic Staff College, AMU, Aligarh, Dec. 19-20, 2013.
- Jyoti Chaturvedi, "A Novel Adaptive Quantum Inspired Genetic Algorithm for 0/1 Knapsack Problem" 4th Joint International Swarm, Evolutionary and Memetic Computing Conference (SEMCCO 2013) & Fuzzy and Neural Computing (FANCCO), SRM University Chennai, Dec. 19-21, 2013.
- Prof. S. P. Sinha, Dr. Kavita Kumar, Dr. Santi Swarup Kandikonda and Mukti Sri Narain, Purnima Bhatnagar, Dr. Shalini Nigam participated and contributed papers in the Twentieth Conference on "Towards Science of Consciousness (TSC 2014), April 21-26, Tucson, Arizona, USA.
- PK Dantu and Dolly Rani, presented a paper on "Shoot organogenesis from in vitro derived leaf tissues of *Piper longum*" in *Vitro Biology Meeting, Convention Centre, Rhode Island, USA, 2013*.

Faculty of Social Sciences

- Swami Prakash Srivastava, "Solar Energy and Its Future Role in Indian Economy", International Conference on Innovative Trends in Natural/Applied Sciences and Energy Technology for Sustainable Development (ITNASETSD-2013), JNU New Delhi, July 28-29, 2013.
- Urvashi Sharma, Shalini Kaushik & Jyoti Kaushik, "Emotional Suffocation, Ventilation and its Indicators", International Conference on Applicability and Relevance of Psycho-educational Testing in Human Life, Agra, Sept. 21-22, 2013.
- International Conference on Recent Innovative Practices in Management organized by Bansal Institute of Science & Technology, Bhopal, Oct. 10-11, 2013 :
 - Himani Anand and Namrata Anand, "Microfinance Institutions: Way to Women Empowerment".
 - Poonam Sharma, "Work Values: With Special Reference to India".
 - Shalini Kaushik and Priyanka Khandelwal, "Role of Leadership Style and Employee Motivation on their Work Performance".
- Swami Prakash Srivastava, "FDI in Retailing and its Future Impact on Indian Economy-Issues And Challenges", 9th Annual National Conference of Uttar Pradesh-Uttarakhand Economic Association (UPUEA), Organized by Dr Ram Manohar Lohia Avadh University, Faizabad, Oct. 26-27, 2013.
- Archana Satsangi and Urvashi Sharma, "Attachment and Life-satisfaction", National Conference on Innovative Practices in Management, Faridabad, Nov. 22, 2013.
 - "The Role of Music in Human Life and Well-Being", International Conference, Kritikala Sansthan and PsychoLinguistic Association of India, Agra, Dec. 7-8, 2013.

- Dr. Anju Sharma Presented a Paper titled "Dalit Students and Higher Education in India", in the International conference on contemporary challenges in Management, Technology & Social Science, Organized by SEMS in collaboration of MGIMT held on 05-06 April 2014 at Mg IMT, Lucknow
- Dr. Bandana Gaur presented a paper entitled "Role of Women in Rural Development", in annual conference on Challenges of Development in 21st Century, Deptt of Economics, St. John's College, Agra, 22 Feb 2014
- Dr. Birpal Singh Presented a paper entitled "Impact of Globalization of Rural Women", in National conference on Globalization: Mahila Adhikaron Par Prabhav, organized by Government College, Mant, Mathura, 9-10 March 2014
- Dr. Priyanka Singh; Attended Special Lecture on 'Theory Building in Social Sciences' by Prof. Rajeev Gupta, University of Rajasthan, Jaipur Organized by Department of Sociology and Political Science, D.E.I Conducted on 23 Sep 2013.
- Dr. Priyanka Singh Presented a paper entitled "Women Empowerment and Cultural Practices" in the national seminar, organised by Dept of Sociology, BHU, March 2014.
- Gopal Krishan Parihar Participation in '10 Day Training Programme on Research Methodology for Research Scholars', organised by the Department of Sociology and Political Science, Dayalbagh Educational Institute, Agra, 16-25 Jan 2012.
- Dr. Anjali Seth Participated in '10 Day Training Programme on Research Methodology for Research Scholars', organised by The Department of Sociology and Political Science, Dayalbagh Educational Institute, Agra, 16-25 Jan 2012
- Dr. Anjali Seth participated One Day Workshop on 'Crime Against Senior Citizens, organised by the Department Of Sociology and Political Science, 17 Feb 2013.
- Dr. Anjali Seth Attended Special Lecture on 'Theory Building in Social Sciences' by Prof. Rajeev Gupta, University of Rajasthan, Jaipur organized by Department of Sociology and Political Science, D.E.I, 23 Sep 2013
- Rana Sonia Tez Bahadur presented a paper entitled "Migration, Ethnicity and Displaced Identity: Implications of India's Open Border Policy with the Himalayan States on Indian Nepal's", in International Seminar on Re Imagining Indian Foreign Policy: Emerging Challenges and Strategies , Dept Of Political Science, B.H.U, 4-5 April 2014.

Annexure - 2**ANNEXURE OF PUBLICATIONS BY FACULTY MEMBERS**

S. No.	Names of all the authors as appears in the Papers	Faculty	Title of the paper	Name of the Journal/Proceedings/Chapters/ E-articles Volume, year, and page	National/ International
1	Sanjeev Swami	Social Sciences	Executive Functions: Decision Making	<i>IIMB Management Review</i> pp. 203-212, 2013	National
2	Sanjeev Swami and Devanath Tirupati	"	Optimal Pricing and Advertising Policies for Bottom of Pyramid Markets: An Analytical Approach	<i>Technology and Operations Management</i> (2012-2013 Series), 3(1-2), 2013, pp. 32-49	National
3	K. Santi Swarup	"	Buildreal: A Case Study on Risk Analysis Using Simulation in a Rent or Buy Decision	<i>International Journal of Finance and Accounting</i> , p-ISSN: 2168-4812 e-ISSN: 2168-4820; 2(5), 2013, pp. 287-291	International
4	Jyoti Gogia	"	The Present Economic System: Divergence from Aspiration (Need to Realize a Conscious Economic System for a Better World Order)	<i>Advances in Economics and Business, Horizon Research Publishing</i> , Vol. 1(2), 2013, pp. 139-144	National
5	Sangeeta Kumar and Diksha Khandelwal	"	A Study of Socio- Economic Problems of Labourers in Micro Small and Medium Enterprises: With Reference to Agra District	<i>International Journal of Ideas: Knowledge and News</i> . ISSN 2231-0150, 2013	National
6	Shaveta Sachdeva and Jyoti Gogia	"	Spiritual Economics: Embracing Self Realization in Materialism	<i>PARIPEX- Indian Journal of Research</i> Vol. 3, Issue:6, ISSN- 2250-1991, 2013, pp. 61-62.	International
7	Vinita Arora and Laxmi R. Kulshrestha	"	Mahatma Gandhi Rural Employment Guarantee Scheme: A Unique Scheme for Indian Rural Women	<i>International Journal of Economic Practices and Theories</i> , Vol. 3, No. 2, e-ISSN 2247-7225, 2013	International
8	Swami Prakash Srivastava and Surat Prakash Srivastava	"	Solar Energy and Its Future Role in Indian Economy	<i>International Journal of Environmental Sciences: Development and Monitoring</i> , RT.P, (Research India Publication), Vol.4, No.3, ISSN 2231-1289, 2013, pp. 81-88	National
9	Swami Prakash Srivastava and Meenakshi Sinha Swami	"	Socio-Ecological Aspects of Wetland Conservation in a Water Starved City: Special Reference to Soor Sarovar Bird Sanctuary in Agra, India	<i>International Journal of Environment and Development</i> , Vol. 10, No. 2, Serials Publication-New Delhi, ISSN -0973-3374, 2013, pp. 169-186	International
10	Swami Prakash Srivastava and Meenakshi Sinha Swami	"	Energy Efficient Cities: Analysing the Sustainable City- Energy Infrastructure	<i>India in the Post Liberalization Era- Challenges and Prospects</i> , Apple Books-New Delhi- 110032, ISBN No- 978-81-	National

				920778-5-7, 2013, pp. 117-138.	
11	Swami Prakash Srivastava	"	Role of Renewable Energy in Sustainable Development of India: With Special Reference to Solar Energy	<i>SA/OSPS</i> (July-Dec-2013), ISSN No. 0972-4613, Vol-XIV No.1, 2013, pp. 27-37.	National Journal
12	Jyoti Gogia	"	Social Entrepreneurship: A Conscious Business Approach for Sustainable Development	<i>Non-Profit Excellence</i> , Academic Publications Ltd., Oxford, UK, ISBN-9780986459788, 2013	International
13	Sangeeta Kumar	"	Changing Role of Women Entrepreneurs in Micro, Small and Medium Enterprises in India	<i>Social Change and Development in India</i> , ISBN No. 978-81-87364-55-9, Gayatri Publications, 2013 pp. 293-305	National
14	Lajwant Singh	"	Development of Scheduled Caste Women Through Reservation Policy with Special Reference to Western Uttar Pradesh	<i>Social Change and Development in India</i> , ISBN No. 978-81-87364-55-9, Gayatri Publications, 2013 pp. 293-305	National
15	Kamaljeet Sandhu, Laxmi Sharma and Khusboo	"	Relationship of Meta-cognitive Thinking and Perceived Women's Social Freedom-An Exploratory Study'	<i>Social Work Chronicle</i> (2013), Vol.2, Issue 1, ISSN:2277-1395, 2013, pp. 109-128	National
16	Kamaljeet Sandhu and Khusboo	"	Conceptual Framework of Acculturative Stress in Relation to Organizational Integration of Employees	<i>Lokayata: Journal of Positive Philosophy</i> , Vol.III, No.01, 2013, pp 70-80.	National
17	Khusboo, Kamaljeet Sandhu	"	Construction and Standardization of Acculturative Stress Assessment Scale	<i>Journal of Organisation and Human Behaviour</i> , Vol. 2, Issue 2, ISSN:2277-3274, 2013, pp. 48-55.	National
18	Archana Satsangi, Urvashi Sharma,	"	Attachment and Life-satisfaction	<i>Conference Proceedings On Innovative Practices in Management</i> , Lingaya's University, Haryana, 2013	National
19	Archana Satsangi	"	Consciousness of Activity in Life and Its Impact on Subjective Well-Being	<i>Indian Journal of Psychology & Mental health</i> , Punjab, Vol. 07, 2013, pp. 8-12	National
20	Preet Kumari, Gargi Sharma, Soami Pyari and Umang Verma	"	Consciousness as a Predictor of Spiritual Intelligence	<i>Lokayata: Journal of Positive Philosophy</i> , 3 (2), 2013.	National
21	Preet Kumari, Sumati Sahay	"	Study of the Personality Traits and Job Satisfaction among Administrative Marketing Department Personnel	<i>The Contemporary Management Research Handbook</i> , Lambert Academic Publishing, ISBN 978-3-659-49072-9, 2013	International

22	Shalini Sisodia and Ira Das	"	Effect of Job Autonomy upon Organizational Commitment of Employees at Different Hierarchical Level	<i>Journal of Psychological Thought</i> , 6(2), (ISSN-2193-7281), 2013, pp. 241-251.	National
23	Himani Anand, Gargi Sharma and Rubeena Khatoon	"	Comparative Study of Stress in Continuous and Comprehensive Evaluation System	<i>International Journal of Social Science and Interdisciplinary Researches (IJSSIR)</i> , 2 (9), ISSN 2277 3630, 2013, pp. 90-94	International
24	Rubeena Khatoon	"	Problems of Thyroidism in Women in 21 st Century	<i>Empowerment of Women: Programme, Policies, Issues and Challenges</i> , Ed. Dr. Mohammad Nair, ISBN-973-81-8329-6571, 2013, pp. 111-122.	National
25	Vinod Khobragade	"	Ambedkar: Social Justice and Indian Constitution	<i>World Focus -Indocentric Foreign Affairs Monthly Journal</i> , New Delhi, 2013, pp. 78-86.	National
26	Vinod Khobragade	"	Sri Lanka – China Proximity: India's Concerns in South Asia	<i>South Asian Journal of Socio-Political Studies</i> , Kerala, 2013, pp. 14-19.	International
27	Vinod Khobragade	"	From Hard Power to Soft Power: Paradigm Shift in India's Foreign Policy	<i>Journal of Interdisciplinary Policy Research and Action</i> , Nagpur, 2013, pp. 130-151	National
28	Vinod Khobragade	"	India's Diaspora Policy	<i>International Journal of South Asian Studies</i> , Pondicherry University, 2013, pp. 204-218.	International
29	Vinod Khobragade	"	Cooperation to Trust Deficit : Post LTTE India- Sri Lanka Relations	<i>World Focus-Indocentric Foreign Affairs Monthly Journal</i> , New Delhi, 2013, pp. 92-99	National
30	Vinod Khobragade	"	Securing the Security: India's Strategic Policy in Afghanistan	<i>NAM TODAY</i> , An International Journal of Non-Alignment Movement, 2013, pp. 28-35	International
31	Vinod Khobragade	"	Corruption, Caste Discrimination and Higher Education	<i>South Asian Journal of Socio-Political Studies</i> , 2013, pp. 23-26	International
32	Dr. Bandana Gaur	"	Bhartiye Janjatio Me Nriyatie Chetanta	Knowledge News An International Journal Of Ideas July 2013, pp.41-45	International

33	Dr. Bandana Gaur	"	Feminist Consciousness and Its Transition in Socio-Economic and Political Dimension Of Women Towards Challenging Future	Research Journal Of Arts. Management & Social sciences, Rewa (M.P) Vol-VII-I Sep,2013, pp.156-162	National
34	Dr. Lajwant Singh	"	Cultural Survival among two Generation of Scheduled Caste Women in Western (U.P) With special Reference to Meerut District	International Referred Research Journal, B.H.U Banaras ISSN No-2249-8907 Vol-III, Dec-2013 pp. 85-91	International
35	Dr. Lajwant Singh	"	Level of Educationa Aspiration of New Generation of Scheduled Caste Women: A case Study of Agra Distt,	Knowledge New an International Journal of Ideas , Agra ISSN No-2231-0150, Vol-004, Jan -2014	International
36	Dr. Lajwant Singh	"	Badte Kshtriyavad ka Bharat ki Akhandta Per Perhar	Research Journal of Arts, Management & Social Sciences, Rewa (M.P) Vol.05 March-2014, pp. 92-101	National
37	Dr. Vinod. F. Khobragade	"	Securing the Security: India's Strategic Policy in Afghanistan	NAM TODAY; An International Journal of Non-Alignment Movement, September 2013, pp.28-35	International
38	Dr. Vinod. F. Khobragade	"	Corruption, Caste Discrimination and Higher Education: The Policy Flaw in Faculty Recruitment	South Asian Journal of Socio-Political Studies, 0972-4613, July-Dec 2013, pp.23-26	International
39	Dr. Vinod. F. Khobragade	"	Towards World Hegemony: Positioning China in International Power Game	World Focus,2230-8458, March 2014, pp.101-106	National
40	Dr. Vinod. F. Khobragade	"	Human Security and Dalits: Questioning India's Credentials as Superpower	World Affairs: The Journal of International Issues, April- June 2014,pp.46-62	National
41	Dr. Vinod. F. Khobragade	"	Security Consciousness in South Asia	World Focus, 2230-8458 September, 2014,pp.144-150	National
42	Dr. Birpal Singh	"	A Sociological Study of Violence Against Middle Class Educated Women: With Special Reference to Agra City	Periodical Research Vol. II, Issues IV, May 2014, pp.158-161	National
43	S. Acharya, R. Ranjan, S. Pattanaik, I. B. Maiti and N. Dey	Science	Efficient Chimeric Plant Promoters Derived from Plant Infecting Viral Promoter Sequences	<i>Planta</i> , DOI 10.1007/s00425-013-1973-2, 2013.	National

44	Priyanka Gautam and Alka Prakash	"	Isolation and Identification of Lactic Acid Bacteria and Their Antibacterial Activity Against Pathogenic Microbes from Dairy Products	<i>The IIS University Journal of Science and Technology</i> , Vol. 2 (1), 2013, pp. 17-23	National
45	Noopur Agarwal and Alka Prakash	"	Isolation of Lactic Acid Bacteria from Fermented Milk Products and their Antimicrobial Activity Against <i>Staphylococcus Aureus</i>	<i>Internet Journal of Food Safety</i> , Vol. 15, 2013, pp. 29-32	National
46	Garima Sharma and Alka Prakash	"	Susceptibility of <i>C. Sakazakii</i> to Plant Products, Antibiotics and to Lactic Acid Bacteria	<i>International Journal of Nutrition, Pharmacology and Neurological Diseases</i> , Vol. 3, 2013, pp. 263-268	International
47	Garima Sharma and Alka Prakash	"	Comparison of <i>Cronobacter Sakazakii</i> from Agra Region Grown in Biofilms, Agar Surface Associated and Planktonic Mode by Proteomic Analysis	<i>Chronicles of Young Scientist</i> , Vol. 4 (1), 2013, pp. 36-39	National
48	Priyanka Singh and Alka Prakash	"	Species Specific PCR Based Rapid Detection of <i>Staphylococcus Aureus</i> from Cottage Cheese, and its Sensitivity Against Antibiotics and Natural Products	<i>Internet Journal of Food Safety</i> , Vol. 14, 2012, pp. 89-92	International
49	Rupali Yadav and Alka Prakash	"	Analysis of Goat Milk for its Antibacterial Property	<i>Asian Journal of Experimental Biological Sciences</i> 3(4)/31, 2012	International
50	Rupali Yadav and Alka Prakash	"	Growth Control of Standard <i>L. Monocytogenes</i> and <i>L. Monocytogenes</i> Spiked in Goat Milk by Natural Products, Antibiotics and Lactic Acid Bacteria	<i>Internet Journal of Food Safety</i> , Vol. 14, 2012, pp. 30-34	National
51	Priyanka Singh and Alka Prakash	"	Natural Products as Inhibitory Agents of <i>Escherichia Coli</i> , <i>Staphylococcus Aureus</i> and <i>Listeria Monocytogenes</i>	<i>Pelagia Research Library, Advances in Applied Science Research</i> , 3 (6), 2012, pp. 3640-3645.	International
52	Pankaj, Shikha Goyal and Rajesh Tayade	"	Ultrasound-Assisted Adsorption of Reactive Blue 21 Dye on TiO_2 in the Presence of Some Rare Earths (La, Ce, Pr & Gd)	<i>Canadian Journal of Chemical Engineering</i> , 92, 2014, pp. 41-51	International
53	Pankaj and Shikha Goyal	"	Sonochemical Decolourisation of Reactive Blue 21 and Acid Red 114 in the Presence of TiO_2 and Rare Earths	<i>Materials Science Forum</i> , Vol" Photocatalytic Materials & Surfaces for Environmental Cleanup-II", Switzerland, 734, 2013, pp. 237-246	International
54	Pankaj, Prem Kishore Patnala and Shikha Goyal	"	Sonolytic Decolourisation of Acid Red 88 Dye in the Presence of Titanium Dioxide and Some Rare Earths	<i>Journal of Applicable Chemistry</i> . Vol. 2(1), 2013, pp. 66-72	National

55	Roopa Rani, Sharad Medhe, Kumar Rohit Raj and Man Mohan Srivastava	"	Standardization of HPTLC Method for the Estimation of Oxytocin in Edibles	<i>Journal of Food Science and Technology</i> , 50(6), 2013, pp. 1222-1227	National
56	Roopa Rani, Kiran Singh and Man Mohan Srivastava	"	Invitro Antioxidant Activity of Some Edibles Bearing Nutritional Value	<i>International Journal of Biotechnology and Bioengineering Research</i> , 4(5), 2013, pp. 487-494.	International
57	Kiran Singh, Thunuguntla Jai Mangal Sinha and Shalini Srivastava	"	Development of Environmental Friendly Aminated Nanocrystalline Cellulose for Decontamination of Arsenic Species from Water Bodies: Bioremediation	<i>International Journal of Environment Engineering and Management</i> , 4(6), 2013, pp. 61-668	International
58	Tripti Pachauri, Aparna Satsangi, Anita Lakhani and K. Maharaj Kumari	"	Chemical Characterization of Nutrients in Seeds of Underutilized Grain: <i>Chenopodium album</i>	<i>Research in Environment and Life Sciences</i> , 6(2), May 2013, pp. 43-46	National
59	Aparna Satsangi, Tripti Pachauri, Vyoma Singla, Anita Lakhani and K. Maharaj Kumari	"	Water Soluble Ionic Species in Atmospheric Aerosols: Concentrations and Sources at Agra in the Indo-Gangetic Plain (IGP)	<i>Aerosol and Air Quality Research</i> , 13, 2013, pp. 1877-1889	National
60	Stuti Gupta, Mukesh Gupta and S.P. Singh	"	Effect of Radial Magnetic Field on Flow of Blood in a Catheterized Tapered Artery with Mild Stenosis	<i>Int. J. of Fluid Mechanics Research</i> , 40 (4), 2013, pp. 344-353	International
61	Dharna Satsangi, Kamal Srivastava and Gursaran	"	K-Page Crossing Number Minimization Problem: An Evaluation of Heuristics and Its Solution Using GESAKP	<i>Memetic Computing</i> , Vol. 5, 2013, pp. 255-274	National
62	Sukhdev Roy and Chandresh Yadav	"	Femtosecond All-Optical Parallel Logic Gates Based on Tunable Saturable to Reverse Saturable Absorption in Graphene-Oxide Thin Films	<i>Appl. Phys. Lett.</i> 103, 241113-6, 2013	National
63	C. M. Markan, P. Gupta, and M. Bansal	"	An Adaptive Neuromorphic Model of Ocular Dominance Map Using Floating Gate'synapse	<i>Neural networks: the official journal of the International Neural Network Society</i> , 2013	International
64	Priti Gupta and C.M. Markan	"	Exploring a Quantum-Hebbian Approach Towards Learning and Cognition	<i>NeuroQuantology</i> 11.3, 2013	National
65	C.M. Markan, S. Gupta, S. Mittal, and G. Kumar	"	Remote Laboratories—A Cloud-Based Model for Teleoperation of Real Laboratories	<i>International Journal of Online Engineering (iJOE)</i> Vol. 9, No. 2, 2013, pp. 36-43	International
66	C.M. Markan, G. Kumar, S. Mittal, P. Gupta, S. Gupta, A. Satsangi, A. Gupta,	"	Remote Triggered Analog Communication Laboratory for e-Learning	<i>International Journal of Online Engineering (iJOE)</i> , Vol. 9., No. 5, 2013, pp. 48-55	International

	and G. Kapur				
67	Anjana Solanki, Jaya Shrivastava, Sumant Upadhyay, Surbhi Choudhary, Vidhika Sharma, Poonam Sharma, Pushpendra Kumar, Praveen Kumar, Sheryl Ehrman, Vibha R. Satsangi, Rohit Shrivastav and Sahab Dass	"	Modified Structural, Morphological and Photoelectrochemical Properties of 120 MeV Ag ⁹⁺ Ion Irradiated Batio ₃ Thin Films	<i>Current Applied Physics</i> , 13, 2013, pp. 344-350	National
68	Sumant Upadhyay, Dipika Sharma, Nirupama Singh, Vibha R. Satsangi, Rohit Shrivastava, Umesh V. Waghmare and, Sahab Dass	"	Experimental and First-Principles Theoretical Studies on Ag-Doped Cuprous Oxide as Photocathode in Photo-electrochemical Splitting of Water	<i>J Material Science</i> , 49, 2013, pp. 868-876	National
	Kratika Kumari and Sharmita Gupta	"	Phytopotential of Catharanthus Roseus L. (G.) Don. Var. "Rosea" and "Alba" Against Various Pathogenic Microbes in vitro	<i>International Journal of Research in Pure and Applied Microbiology</i> . 3 (3), 2013, pp. 77-82	International
69	Sakshi Sharma and Sharmita Gupta	"	Isolation and Partial Characterization of Virus Like Particles from <i>Chrysosporium Pseudomerdarium</i> , Human Pathogenic Fungi	<i>Asian Academic Research Journal of Multidisciplinary</i> . 14 (1), 2013, pp. 1-19	International
70	K. Kanchan, S. Gupta, G.P. Satsangi and J.N. Shrivastava	"	Novel Biosynthesis of Silver Nanoparticles (Snps) Using <i>Chrysosporium</i> sps. and <i>Aspergillus</i> sps	<i>Int. J. Nano Dimens</i> . 4 (2), 2013, pp. 105-110	National
71	Soam Prakash and Gavendra Singh	"	New Prospective on Fungal Pathogens for Mosquitoes and Vector Control Technology	<i>Journal of Mosquito Research</i>	National
72	Namita Soni, Soam Prakash	"	Possible Mosquito Control by Silver Nanoparticles Synthesized by Soil Fungus (<i>Aspergillus niger</i> 2587)	<i>Advances in Nanoparticles</i>	National
73	Namita Soni and Soam Prakash	"	Synthesis and Formulation of Fungus Mediated Silver Nanoparticles and Testing as Larvicides	<i>Journal of Nanoparticle Research</i>	National
74	Namita Soni and Soam Prakash	"	Silver Nanoparticles Embedded Fungal Metabolites Against <i>Culex Quinquefasciatus</i>	<i>Advance Science, Engineering and Medicine</i>	National
75	Alka Prakash and Priyanka Gautam	"	Isolation and Identification of Lactic Acid Bacteria and their Antibacterial Activity against Pathogenic Microbes from Dairy Products	<i>IIS University Journal of Science and Technology</i> , Vol. 2(1), pp. 17-23	National

76	Pooja Dhuppar, Anamika Gupta and D. Sarveshwara Rao	"	Chemical Weed Management in Lentil	<i>Indian J. of Weed Science</i> 45(3), 2013, pp. 1-5	National
77	Anupam Singh, Subhangi Mittal, Rohit Srivastava, Sahab Dass and J.N. Shrivastava	"	Biosynthesis of Silver Nanoparticles using <i>Ricinus Communis</i> L. Leaf Extract and Its Antibacterial Activity	<i>Digest Journal of Nanomaterials and Biostructures</i> . 7(3), 2013, pp. 1157-1163	National
78	Nupur Raghav, Guru Prasad and J.N. Srivastava	"	Influence of Bacterial Consortium Treated Yamuna Water on Seedling Growth of <i>Vigna radiata</i> L. In vitro	<i>Indian Journal of Applied Research</i> ..3(9), 2013, pp. 105-110	National
79	J. N. Srivastava, Abha Singh, Sugandha Verma and Nupur Raghav	"	Laboratory Scale Bioremediation of the Yamuna Water Using Effective Microbes (EM) Technology	<i>Advances in Plant Sciences</i> , 26(1), 2013, pp. 21-23	National
80	J. N. Srivastava, Sugandha Verma and Vinay Kumar	"	Bioremediation of Yamuna Water by Mono and Dual Bacterial Isolates	<i>Indian Journal of Scientific Research and Technology</i> , 1(1), 2013, pp. 56-60	National
	Vinay Kumar, Abha Singh, A.K. Bhatnagar and J.N. Srivastava	"	Methyl Cis-6- Octadecenoate, "A New Antimicrobial Compound From <i>Spirulina platensis</i>	<i>Asian Journal of Biochemical and Pharmaceutical Research</i> ,2(3), 2013, pp. 6-12	International
81	Raginee Verma, G. P. Satsangi and J.N. Srivastava	"	Analysis of Phytochemical Constituents of Ethanolic and Chloroform Extracts of <i>Calotropis Procera</i> Using Gas Chromatography-Mass Spectroscopy(GC_MS) Technique	<i>J. Med. PL. Res.</i> 7(40), 2013, pp. 2986-2991	National
82	P. Gupta, and C.M. Markan	"	Exploring a Quantum Hebbian Model of Feature Map Formation	<i>Pattern Recognition and Machine Intelligence</i> . Springer, Berlin, Heidelberg, 2013, pp. 599-604	International
83	Kavita Raizada	"	Kalam Per Chaley Waar Aysey Mein Kaysey Chaley Talwar	<i>DLA News Paper</i> , Sept. 7, 2013, pp. 11	National
84	Dr. Satendra Kumar Soni, Prof. V. P. Bhatnagar, Prof. A. K. Bhatnagar, Yati Prabha and Vibhu Upadhyay	"	—	<i>Mass Cultivation and Waste Water Treatment using Spirulina Platensis published from Lap Lambert Academic Publishing, Germany, 2013</i>	International
	Gur Pyari Jandial	Arts	Dissolving Fetters : Image of Woman in the Novels of Shauna Singh Baldwin and Manju Kapur	<i>Indian Journal of World Literature and Culture</i> , Vol. 9-10, ISSN : 2229-7251, July 2013	National

85	Anita	"	Rishikaon Ka Parivarik Kartavyabodh: Rigved Ke Sandarbh Mein	<i>Jairam Sandesh</i> , Haridwar, Uttarakhand, July 2013, (ISSN 0975-8730)	National
86	Soami Pyari Kaura	"	Baba Nagarjun Ka Katha Sahitya: Manviya Sambandhon Ke Dharatal Par	<i>Gyan Ganga</i> , Aligarh, Aug. 2013, pp. 9-11	National
87	Payal Sharma	"	Vaishnav Singing Style of Dhamar—A New Possibility in Music Education	<i>Social Research Foundation</i> , Kanpur Sept. 2013, pp. 48-50	National
88	Sudha Sahgal	"	A Critique on North Indian Classical Singing Style Through Socio-Cultural Perspectives	<i>Social Research Foundation</i> , Kanpur Oct. 2013, pp. 105-112	National
89	Soami Pyari Kaura	"	Samkaleen Hindi Natak Evam Rangmanch Mein Loktatav ke Naveen Prayog	<i>Sammelan Patrika (Shodh Trimasik)</i> , Allahabad, Oct.-Dec., 2013, ISSN No. 2278-1773, pp. 107-122	National
90	Soami Pyari Kaura	"	Habib Tanvir Ke Natakan Mein Vyapt Lokrang	<i>Akshar Parv</i> , New Delhi, Oct. 2013, pp. 58-62	National
91	Soami Pyari Kaura	"	Chetna Ka Vigyan Aur Radhasoami Mat'	<i>Shodhshree</i> (Vol. 6), Department of Hindi, D.E.I., Dayalbagh, Agra, 2013, ISSN 0974-7958 pp.58-66	National
92	Suman Sharma	"	Alochak Manager Pandey Ki Bhashik Drishti	<i>Shodhshree</i> (Vol. 6), Department of Hindi, D.E.I., Dayalbagh, Agra, 2013, ISSN 0974-7958 pp.43-45	National
93	Anita	"	Kalidasabhimata Ashtamurti Shiva ki Vedic Vasuon Se Tulana Evam Vartaman Mein Uski Upadeyata	<i>Sanskrit Vangamayi</i> (ISSN 2231-5799), Lucknow, 2013	National
94	Kanika Agarwal and Dr. Sonal Singh	"	A Study of Defense Mechanisms in Anita Desai's, 'Cry the Peacock' and Bharati Mukherjee's Wife	<i>Nativism: Indian English Fiction</i> , Ed. Dr. J. P. Singh, Radha Publications, New Delhi. ISBN: 978-81-7487-882-3	National
95	Bhawna Johri	Commerce	E-Banking is a Boon in Indian Banking Industry	<i>International Journal of Management Outlook</i> ISSN2231—1769, Vol. 3, No. 1, Jan.-June, 2013	International
96	L.N. Koli	"	Impact of Management Audit System on Profitability : A Case Study of Indian Banking Sector	<i>International Journal of Management and Technology Research</i> , Shakti Bhawan, New Delhi, Vol. 3, No. 2, June, 2013	International

97	L.N.Koli	"	Impact of Management Audit System on Employees' Productivity : A Case study of Indian Banking Sector	<i>Journal of Economic and Social Research</i> , ESRI, Sardarshahar, Raj., Vol. 4, No. 2, July, 2013	National
98	Saurabh Mani	"	An Analysis of the Role of Bank Credit in Agricultural Sector : Development of Bihar with Special Reference to West Champaran District	<i>Abhinav</i> , Vol. 2, Issue 12, ISSN-22771166, Dec., 2013	National
99	Praveen Devgan and Anju Baghel	Education	अल्पसंख्यक वर्ग की छात्राओं के सशक्तिकरण के सम्बन्ध में उनके समायोजन एवं शैक्षिक उपलब्धि का अध्ययन	<i>Paripekshya</i> , (Year 19, Aug., 2012-13 Issue) Vol 2, NUEPA, New Delhi, pp.133-136	National
100	RajKumari Kalra	"	Effect of Social Networking Sites on Academic Achievement among Introverts and Extroverts	<i>Asian journal of Social Sciences and Humanities</i> , Vol. 2, No. 3 (part B) Aug., 2013, pp. 401-406	International
101	Savita Srivastava	"	Active Citizenship for Peace & Sustainable Development in Present Scenario	<i>Education for the New Millennium</i> , ISBN No. 978-81-927002-1-2, Nutan Publication, Varanasi, pp. 260-279	National
102	Lajwanti and Atm Prakash Sharma	"	Effect of Internet Use on Study Habits and Adjustment of Higher Secondary Students	<i>International Journal of Educational Research and Technology</i> , Vol. 4(1) March, 2013, pp. 52-59	International
103	Kanu Priya & A.K. Kulshrestha	"	Effect of Constructivist Problem-Based Learning Approach on the Academic Achievement of Grade VII Social Sciences Pupils	<i>Shikshaantar, CoEd Journal of Education</i> , Vol. 1, Issue 1, ISSN-2321-5755, June, 2013, pp. 34-39	National
104	B. S. Gupta	"	Junior High School ke Vidyarthiyon ke Mansik Swasthya par Parivarik Vatavaran ke Prabhav ka Adhyayan	<i>Asian Journal of Educational Research and Technology</i> , Vol. 3(2), July, 2013	International
105	Deepika Agarwal and Sona Ahuja	"	Attitude of Student-Teachers Towards Use of ICT and Its Impact on Their Academic Achievement	<i>International Index Journal, Indian Journal of Applied Research</i> , 3(7), July, 2013	International
106	Bajrang Bhushan	"	Kanpur Nagar ke Niyamit Evam Swavittaposhit Chhatraadhyapakon ke Samayojan ka Tulnatmak Adhyayan	<i>Asian Journal of Educational Research and Technology</i> , Vol. 3(2), July, 2013	International
107	Meenu Singh	"	A SWOT Analysis: An Effective Technique to Analyse Teaching Initiations in Professional Development Programme	<i>Online International Journal of Innovative Research and Development</i> , Vol. 2, Issue 8, Aug., 2013	International

108	A. K. Kulshrestha and Rati Verma	"	Effect of Constructivist Approach on Academic Achievement and Lab Competence of Chemistry Students at Senior Secondary Level	<i>Cosmos Journal of Education, Aahana</i> , Vol. 1, No. 1, Oct. 2013, ", pp. 18-27	National
109	A. K. Kulshrestha and Sonam Mehta	"	Environmental Education Through Co-operative Learning Approach	<i>Cosmos Journal of Education, Aahana</i> , Vol. 1, No. 1, Oct. 2013, pp. 36-40	National
110	Amit Gautam & A. K. Kulshrestha	"	Development of Constructivist Approach-Based Instructional Material for Biology Teaching	<i>Conflux Journal of Education</i> , Vol. 1, Issue 5, Oct., 2013	National
111	Kratika Kumari & A K Kulshrestha	"	Impact of Constructivist Inquiry-Based Learning Approach on Science Achievement at Grade VIII	<i>International Journal of Applied Research and Studies</i> Vol. 2, Issue 10, Oct., 2013	International
112	Amit Gautam	"	Expansion of Environmental Responsiveness through Environmental Education	<i>Research Revolution International Journal of Social Science & Management</i> , Vol. II, Issue 131, pp. 7-11	International
113	Lajwanti	"	The Impact of Internet Use on Study Habits of Higher Secondary Students	<i>International Journal of Education and Practice</i> , USA, Vol. 3, No. 15, pp. 94-100	International
114	Amit Gautam	"	Environmental Education: As An Instrument For Sustainable Development	<i>Proceedings of International Conference on Education For Achieving millennium development Goals (ICEM-2013)</i> , Faculty of Education, BHU, Varanasi (U.P.), Nov. 16-18, 2013, pp. 765-777	International
115	Amit Gautam	"	Role of Communication in Effective Classroom Teaching	<i>AMASS-Multilateral Research Journal-Bilingual</i> , Vol. 5 No. 1, pp. 1-10	National
116	B. S. Gupta	"	A Study of Uses and Availability of ICT Tools in Aided and Non-aided Teacher Education Institution	<i>Sanskriti Sanchay/ Bauddhik Sampada Prakosh</i> , Allahabad, Issue 2, 2013	National
117	B. S. Gupta	"	Role of Distance Education in the Implementation of the Right to Education	<i>Dimensions of Distance Education</i> , UPRTOU, Allahabad, Dec., 2013	National
118	Vaibhav Chauhan, Sadhna Sharma and Nandita Satsangee	"	Leadership Approach in Relation to Level of Consciousness: A Correlational Analysis	<i>MIER Journal of Educational Studies, Trends & Practices</i> Vol. 3, No. 2, pp. 249-260	National

119	Prof. N P S Chandel	"	Innovations in Evaluation at Teacher Education Level: An Experience of Dayalbagh Educational Institute, Dayalbagh, Agra.	<i>Innovations in Education</i> , Adhar Publishing House, Amaravati, ISBN 97-82588283, 2014, pp. 22-28	National
120	Vikas Pratap Singh, Vivek Vijay, B. Ravindra, D.K. Chaturvedi and Rajshekhar P. Mandi	Engineering	Combined Effect of Deterministic and Stochastic Variables on Comparative Performance Analysis of 110kW A-Si-PV and C-Si-PV Based Roof Top Grid Tied Solar Photovoltaic System in Jodhpur	<i>The Journal of CPRI</i> , Vol. 9, No. 2, June, 2013, pp. 279-290	National
121	D. K. Chaturvedi and Manish Arya	"	A Study on Correlation Between Consciousness Level and Performance of the Worker	<i>Journal of Industrial Engineering</i> , Vol. VI, Issue No. 8, 2013, pp. 40-43	National
122	D.K. Chaturvedi, A.H. Siddiqi, Ashish Chandiok and Sushant Agarwal	"	Annual Rainfall Prediction Using Neuro-Fuzzy and Wavelet Approach	<i>Indian Journal of Industrial and Applied Mathematics</i> , 2013, 4(1), pp. 16- 32	National
123	D.K. Chaturvedi and Anand Premdayal Sinha	"	Neural-Wavelet Based Hybrid Model for Short-Term Load Forecasting	<i>Control Theory and Informatics</i> , 3(2), (2013), pp. 42-45	National
124	Vikas Pratap Singh, Vivek Vijay, S.H. Gaurishankar, D.K. Chaturvedi and N. Rajkumar	"	Analysis of Solar Power Variability due to Seasonal Variation and Its Forecasting for Jodhpur Region Using Artificial Neural Network	<i>The Journal of CPRI</i> , Vol. 9, No. 3, Sept., 2013, pp. 12-19	National
125	D.K. Chaturvedi and Anand Premdayal Sinha	"	Short Term Load Forecasting (STLF) Using Generalized Neural Network (GNN) Trained with Adaptive GA	B.K. Panigrahi et. Al. (Eds.) of <i>Lecture Notes on Computer Science</i> (LNCS) 8298, Springer International Publishing Switzerland, 2013, pp. 132-143	International
126	Vikas Pratap Singh, B. Ravindra, Vivek Vijay, S. Jothi Basu and D.K.Chaturvedi	"	Generalized Neural Network Methodology for Short Term Solar Power Forecasting	<i>Proceedings of 13th IEEE International Conference on Environment and Electrical Engineering</i> , AGH University of Science and Technology Worclaw, Poland, Nov. 1-3, 2013	International
127	Atul Suri, R.S.S. Prashant and K. Hans Raj	"	Comparative Study of Friction Stir Welding and Tungsten Inert Gas Welding of Pure Aluminum	<i>Proceedings of International Conference on Energy Efficient Technologies for Sustainability (ICEETS-2013)</i> held at St. Xavier's College of Engineering, Nagercoil, Tamil Nadu	International

128	N.K. Dev, Ravi Shankar and Alok Baveja	"	Sustainable Supply Chain Through Lean Manufacturing	<i>Proceedings of 17th Annual International Conference of the Society of Operations Management, SOM 2013, IIT Madras, Chennai, Dec. 21-23, 2013</i>	International
129	Vineeta Mathur and K.Maharaj Kumari	"	Environmental Consciousness: an Indicator Of Higher Consciousness	<i>Proceedings of International Journal of Scientific and Research Publications (IJSRP), Vol 3, Issue 8, ISSN 2250-3153, 2013</i>	International
130	N.K. Dev and Ravi Shankar	"	Green Supply Chain: An ISM Based Roadmap to Boundaries of Environmental Sustainability	<i>Proceedings of 37th National Systems Conference, NSC 2013, IIT Jodhpur, Dec. 5-7, 2013</i>	National
131	Atul Suri, Perna Bhatnagar	"	Spirituality at Workplace: A Need of Present Materialistic World	<i>Proceedings of 7th AICTE sponsored International Seminar on 'Spiritualism in Education' published by Desh Bhagat University, Mandi Gobindgarh ISBN 978-93-83223-00-8, p. 260, 2013</i>	International
132	B.P. Singh	"	An Ontology-Based Digital Library Content Management System (ODLMS) : Its Benefits and Expectations	<i>Proceeding of International Conference on Digital Libraries-2013 (ICDL 2013), organized by The Energy Research Institute, New Delhi, Nov. 27-29, 2013</i>	International
133	Iqbal Ahmad Ansari	"	Management of Collection Development: Policies, Tools, Criteria, Services, Problems and Prospective in Libraries	<i>Journal of Library Communication Technology (IJLCT), Vol. 2, Nos. 2, ISSN 2278-3482, 2013</i>	National
134	Dr. Jyoti Kumar Arora	Technical College	—	<i>Comprehensive Applied Mathematics (Vol. I) published by I.K. International Publishing House Pvt Ltd, New Delhi.</i>	National

Annexure - 3**ANNEXURE FOR DEI STUDY CENTRES AND DEI ICT DISTANCE EDUCATION CENTRES**

S No.	CENTRE	PROGRAMME
1	AMALAPURAM	Cutting & Sewing
2	HANAMKONDA	Dress Designing & Tailoring (Non Functional in 2013-14)
3	KADAPA	Office Assistant –Cum-Computer Operator Cutting & Sewing Wireman
4	KAKINADA	Modern Office Management & Secretarial Practice Dress Designing & Tailoring, Motor Vehicle Mechanic (4 Wheeler), Wireman
5	KURNOOL	Dress Designing & Tailoring Motor Vehicle Mechanic (4 Wheeler) (Only MVM in 2013-14)
6	MOOSAPET	Office Assistant –Cum-Computer Operator (Non Functional in 2013-14)
7	PRODDATUR	Dress Designing & Tailoring, Cutting & Sewing, Wireman, Motor Vehicle Mechanic (4 Wheeler), Office Assistant –Cum-Computer Operator , Textile Designing & Printing (BBM Hons approved but not running this year)
8	RAJAHMUNDY	Office Assistant –Cum-Computer Operator, Block Printing and other Modular Courses in Textiles
9	SECUNDERABAD	Cutting & Sewing / Dress Designing & Tailoring (Dual) Motor Vehicle Mechanic (4 Wheeler), Office Assistant –Cum-Computer Operator, MBA, PGDT
10	SRIKAKULAM	Dress Designing & Tailoring
11	VIJAYWADA	Cutting & Sewing (Non Functional in 2013-14)
12	VISAKHAPATNAM (CITY)	Dress Designing & Tailoring
13	VISAKHAPATNAM (DAYAL NAGAR)	Modern Office Management & Secretarial Practice, Electrician, Textile Designing & Printing, Dress Designing & Tailoring, Motor Vehicle Mechanic (4 Wheeler), PGDT, MBA, Block Printing – Modular Course
14	VIZIANAGARAM	Modern Office Management & Secretarial Practice, Dress Designing & Tailoring
15	GAYA	Dress Designing & Tailoring, Electrician, PGDT
16	MURAR	Cutting & Sewing, Wireman, Motor Vehicle Mechanic (4 Wheeler), Welding – Modular Course Textile Technology
17	PATNA	Wireman Dress Designing & Tailoring
18	KAROLBAGH, DELHI	Dress Designing & Tailoring, Office Assistant –Cum-Computer Operator, PGDT, BBM (Hons), Electrician, MBA,

		PGDJMC, Basic Electronics (Modular Course)
19	SOAMI NAGAR -NEW DELHI	Office Assistant –Cum-Computer Operator, Electrician, Textile Designing & Printing, PGDT, B.Com (Hons), MBA, PGDJMC
20	JANAKPURI NEW DELHI	OACO PGDT
21	SHAHNARA DELHI	Dress Designing & Tailoring, PGDT
22	MEHSANA	Dress Designing & Tailoring
23	VADODARA	Electrician, Motor Vehicle Mechanic (4 Wheeler)
24	SURAT	Wireman Textile Designing & Printing,
25	AMBALA	Modern Office Management & Secretarial Practice
26	FARIDABAD	Modern Office Management & Secretarial Practice, Electrician, Textile Designing & Printing, PGDT
27	GURGAON	Cutting & Sewing, Office Assistant –Cum-Computer Operator, BBM, MBA, PGDT
28	KARNAL	Cutting & Sewing / Dress Designing & Tailoring (Dual)
29	PANCHKULA	Motor Vehicle Mechanic (4 Wheeler), Wireman Office Assistant –Cum-Computer Operator
30	YAMUNA NAGAR	Cutting & Sewing and Dress Designing & Tailoring (Dual)
31	DHARAMSHALA	Modern Office Management & Secretarial Practice Dress Designing & Tailoring
32	SHIMLA	Dress Designing & Tailoring, Cutting & Sewing
33	AMB (UNA)	Modern Office Management & Secretarial Practice
34	JAMMU	Modern Office Management & Secretarial Practice, Cutting & Sewing and Dress Designing & Tailoring (Dual) Electrician, Office Assistant –Cum-Computer Operator
35	DEOGHAR	Office Assistant Cum – Computer Operator
36	DHANBAD	Office Assistant –Cum-Computer Operator (No Student's in this year 2013-14)
37	JAMSHEDPUR	Cutting & Sewing, Motor Vehicle Mechanic (4 Wheeler) Office Assistant –Cum-Computer Operator Electrician MBA
38	RANCHI	Cutting & Sewing + Dress Designing & Tailoring (Dual), Electrician Motor Vehicle Mechanic (4 Wheeler)
39	BANGALORE	Office Assistant –Cum-Computer Operator Dress Designing & Tailoring MBA
40	BHOPAL	Cutting & Sewing, Textile Designing & Printing, Office Assistant –Cum-Computer Operator

41	GWALIOR	Cutting & Sewing, Wireman, Modern Office Management & Secretarial Practice
42	INDORE	Cutting & Sewing, Office Assistant –Cum-Computer Operator
43	JABALPUR	Dress Designing & Tailoring
44	RAJABARARI	Cutting & Sewing, B.Com (Hons)
45	TIMARNI	Motor Vehicle Mechanic (4 Wheeler), Wireman Dress Designing & Tailoring
46	MUMBAI	Textile Designing & Printing, Dress Designing & Tailoring, PGDT, Office Assistant –Cum-Computer Operator, BBM, MBA, PGDJMC, PGDCSA
47	NAGPUR	Wireman, Dress Designing & Tailoring (No Student's in this year 2013-14)
48	NANDURBAR	Dress Designing & Tailoring
49	PUNE	BBM (Hons), PGDT, MBA
50	ROURKELA	Dress Designing & Tailoring
51	AMRITSAR	Dress Designing & Tailoring
52	BATHINDA	Wireman, Dress Designing & Tailoring
53	DAYALPUR	Electrician
54	JALANDHAR	Dress Designing & Tailoring
55	LUDHIANA	Modern Office Management & Secretarial Practice Motor Vehicle Mechanic (4 Wheeler), Dress Designing & Tailoring PGDT B.Com (Hons) Wireman, BBM (Hons) Electrician
56	AJMER	Dress Designing & Tailoring
57	JAIPUR	Modern Office Management & Secretarial Practice, Dress Designing & Tailoring, Wireman, PGDT
58	KOTA	Electrician, Textile Designing & Printing
59	AUTHOOR	Wireman
60	CHENNAI	MBA, PGDT
61	MADURAI	Dress Designing & Tailoring
62	MTV PURAM	Modern Office Management & Secretarial Practice Motor Vehicle Mechanic (4 Wheeler), Wireman, Textile Designing & Printing, B.Com (Hons.), PGDT, Cutting & Sewing Office Assistant –Cum-Computer Operator
63	SRIVILLIPUTTUR	Dress Designing & Tailoring,
64	CHANDIGARH	Modern Office Management & Secretarial Practice, Dress Designing & Tailoring,

		B.Com (Hons.), MBA
65	DEHRADUN	Electrician
66	ROORKEE	Motor Vehicle Mechanic (4 Wheeler), Office Assistant –Cum-Computer Operator, Textile Designing & Printing, Electrician Dress Designing & Tailoring
67	ADANBAGH, AGRA	B.Com (Hons.) MBA
68	AGRA CITY, AGRA	B.Com (Hons.) MBA
69	ALLAHABAD	Dress Designing & Tailoring, Modern Office Management & Secretarial Practice
70	BAREILLY	Electrician, Office Assistant –Cum-Computer Operator
71	DERHGAON	Motor Vehicle Mechanic (4 Wheeler), Wireman Dress Designing & Tailoring Modular Course – Painting & Welding
72	ELLORA, AGRA	B.Com (Hons.), Electrician, Modern Office Management & Secretarial Practice, MBA, Textile Designing & Printing, Cutting & Sewing + Dress Designing & Tailoring (Dual)
73	ETAWAH	Textile Designing & Printing
74	GORAKHPUR	Cutting & Sewing + Dress Designing & Tailoring (Dual)
75	JHANSI	Motor Vehicle Mechanic (4 Wheeler), Electrician Dress Designing & Tailoring
76	KANPUR (NARAMAU)	Office Assistant –Cum-Computer Operator, Motor Vehicle Mechanic (4 Wheeler), Wireman,
77	LUCKNOW	Dress Designing & Tailoring, Office Assistant –Cum-Computer Operator, PGDT, BBM (Hons.)
78	MEERUT	Motor Vehicle Mechanic (4 Wheeler), Office Assistant –Cum-Computer Operator
79	MIRZAPUR	Modern Office Management & Secretarial Practice Motor Vehicle Mechanic (4 Wheeler) Electrician
80	MUZAFFAR NAGAR	Office Assistant –Cum-Computer Operator, Motor Vehicle Mechanic (4 Wheeler), Electrician
81	NOIDA	Modern Office Management & Secretarial Practice, Cutting & Sewing, MBA, PGDT
82	SAHARANPUR	Office Assistant –Cum-Computer Operator
83	UNNAO	Cutting & Sewing
84	VARANASI	Wireman Textile Designing & Printing,
85	KOLKATA	Office Assistant –Cum-Computer Operator, PGDT

DEI ICT Distance Education Centers

S.No	State	Centre	Programme
1.	Delhi	Soami Nagar, New Delhi	M. (Phil Electronics), M. (Phil Computer Science) B Com + MBA(integrated) B. Ed, PGDCSA PGDT, Ph D
2.	Madhya Pradesh	Rajaborari-Timarni	Diploma in Electrical Engineering Intermediate/science/ commerce Diploma in Electronics
3.	Tamil Nadu	Melathiruvenka- tanathpuram	-
4.	Karnataka	Bangalore	-

DEI Study Centers Abroad

S.No	Country	Place	Programme
1.	U.K.	London	PGDT (Not Functional in 2013-14)
2.	Sri Lanka	Colombo	Modern Office Management & Secretarial Practice Motor Vehicle Mechanic (4 Wheeler) Cutting & Sewing
3.	USA	Chicago	PGDT
4.	USA	New York	PGDT (Not Functional in 2013-14)
5.	Canada	Toronto	PGDT (Not Functional in 2013-14)
6.	USA	San Francisco	PGDT (Not Functional in 2013-14)