Release of First Edition

Tuesday, 11th September 2018
Shri Ram Naik Ji
Hon'ble Chancellor
CSJM University, Kanpur
Dr. Dinesh Sharma ji
Hon’ble Minister of Higher Education
Uttar Pradesh
Feels proud to release its first Chhatrapati Shahu Ji Maharaj University E-news letter "Mantra". This is an initiative to provide a platform to all students and faculties of various affiliated colleges and campus to share their activities, contributions and achievements. It is aimed to share information so that each one can set standards for their next move. It will also act as a motivation to all students to excel in their areas of interest. This biannual e-news letter will bring together all education fraternity and also provide a healthy competitive environment.

This e-news letter is another feather in the cap of CSJM University in its journey towards providing quality and competitive education.

I congratulate all students and teachers who have taken the initiation and have contributed for this innovative effort.

I wish good luck to the editorial team of "Mantra" for their tireless efforts to make this dream come true.

Prof. Neelima Gupta
Vice Chancellor
It is indeed a matter of great pleasure that Chhatrapati Shahu ji Maharaj University is going to release its first bi-annual issue of e-Newsletter “Mantra” Edition July 2018. I am glad to know that the e-News letter “Mantra” will be a knowledge hub for the development of Multidisciplinary skills in higher education which is most required in todays competitive world. Ample career opportunities will be brought forth for the bright budding students.

In the changing scenario this is an excellent and appreciable step by the University e-newsletter team which I am sure will help to strengthen the academic quality, open avenues for personality development of our students.

I convey my best wishes for the success of the efforts of the editorial team of “Mantra”

Dr. Vinod Kumar Singh
Registrar
Dear Readers,

It is a great honour for me to be the Editor-in-Chief of e-news letter "Mantra" at the launch of its first edition July 2018. This is a bi-annual newsletter.

This edition details the various activities academic, sports, cultural, social, awards, and achievements etc. which took place in various affiliated colleges and at CSJM University campus. We also have reviews by faculty members on various topics.

A huge thanks to all my team members who have worked hard to bring "Mantra" in shape. Also, to all the heads of institutions and faculty members who have extended great support in sharing information. I take privilege to thank Honorable Vice Chancellor CSJM University, Kanpur, Prof. Neelima Gupta ji for the encouragement and support towards the success of this e-news letter right from inception.

Dr. Sidhanshu Rai
Editor in Chief
University Institute of Health Science organized a Lecture on “How to overcome Stress of Examination” with Indian Medical Association on 16th May 2018. Guest Speaker of the day were Dr. A. S. Prasad & Dr. Ravi Kumar.

Jwala Devi Vidya Mandir P.G. College, Kanpur organized under the aegis of Ministry of Higher Education organized a two days seminar on “Working Culture of India: A step towards change and development” on 29th March - 30th March 2018. Chief Guest of the day was Mr. Satyadev Pachauri Minister of Khadi & MSME and Mr. Anil Mishra

Mahila Mahavidyalaya P.G. College Kanpur organized under the aegis of a Ministry of Higher Education, Govt. Of India one day seminar on “Marginalised Groups of India and Violation of Human Rights in the Era of globalization” on 29th March 2018.
Educational and Industrial Tours were organized by Institute of Business Management for the postgraduate students in the session 2017-2018.

On 19\textsuperscript{th} Jan 2018 a workshop was organised by IHTM. It was inaugurated by Mr. Louise G.M. Landmark Hotel and Dr. Sidhanshu Rai Coordinator IHTM. Mr. Louise Emphasised the importance of Hospitality and its effects on society.

Institute of Biosciences and Biotechnology organized Open Orientation Program on “Scope and Future Prospects of Bio Sciences and Bio Technology” during 25\textsuperscript{th} -26\textsuperscript{th} April 2018.
Four (28th, 30th, 31th, 32th) IIRS, ISRO outreach programmes were Coordinated by Dr. Droupati Yadav & Dr. Madhulika Singh for the Faculty, Professionals & Students with joint collaboration of Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun and Department of Environmental Science held at Institute of Bio-Sciences and Biotechnology CSJM University Campus during January to June - 2018

DeenDayal Research Center organized a Seminar on 3rd March 2018 in University Auditorium. Titled "पुनरुत्थान के लिए अनुसंधान" Shri Mukul Kaneetkar, Minister All India Association, Indian education was the Chief Guest.

A Two days National workshop was organized in Biotechnology laboratory, in collaboration with University Institute of Pharmacy where many students and faculties participated.
Among the various avenues & moments of learning, the students of DAMS organized “Winter Fiesta” on 10th February, 2018. This One day event provided the students with an opportunity to give space to their ideas and explore their professional aptitude of creating and managing with exuberance and frolic.

Kanpur Vidya Mandir Degree College, Kanpur organized a Youth Festival 'Umang' in which various cultural activities, like dance, drama, qawwali, songs, nukkad-natak and others on 19th January 2018, in the college campus.
'Technospandan 2018' was organized in the University Institute of Engineering and Technology CSJMU by SAC 2017-18 from 22 March to 24th March 2018. It was a three days festival of Technical, Cultural and Sports events. Series of events were held to show case technical & cultural skills of UIET students as well as the other invited technical Institutes/Colleges across the country. This function was inaugurated by Mr. Shailendra Nath The Assistant General Manager Small Arms, Ordinance Factory.

A team of students from University Institute of Fine Arts CSJMU secured first position (Event: Installation) in Inter University National youth festival organised in Ranchi University Ranchi.
On 7th March 2018 IHTM and SIFSA organised 43rd International Women's Day. An interactive session was inaugurated by Vice Chancellor Prof. Neelima Gupta, Dr. O.P. Vishwakarma, Pro V.C. Prof. R.C. Katiyar and Dr. Sidhanshu Rai co-ordinator IHTM. The Program focussed on Women empowerment. Women holding important positions in different sectors were present and they shared their respective experiences.

NSS Traffic Awareness was organised by the various NSS units of the University Campus to make the students, faculty, staff and the common people aware about the traffic rules and the importance to follow these rules. Roses were offered to those violating the traffic rules.

Awareness on world water day 22nd March 2018 and valedictory function of 28th IIRS, ISRO outreach program was organized by Department of Environmental Science IBSBT, CSJM University Kanpur.
Plantation on the occasion of World Environment Day 5th June 2018 theme “Beat Plastic Pollution” by Faculty, Students & Staff of IBSBT, CSJM University Kanpur.

A program on voter's literacy and awareness was organized on 15 January 2018 by Bhramavat P.G. college, Mandhana. A declamation competition was also organized among students and winners were announced and honored by the Principal.

Master Education degree College, Lakhimpur Khiri organized a campaign against terrorism.
VSEF organized two-day athletic meet - Energy 2018 on February 5, 2018, providing students with an opportunity to relax & rejuvenate exploring an untouched realm in their lives - sports & athletics. The two day event was marked by plethora of track & field events participated by eight teams of VSEF with immense vigour & fervor. The venue was Dayanand Academy of Management Studies, Kanpur.

Kamla Nehru P.G. College, Rae Bareli organized various events like sports, slogan, and poster making competitions between January to June 2018.

UP State Universities Volleyball Tournament was organised in the stadium of Chhatrapati Shahuji Maharaj University campus in which Prof Ashok Kumar, Ex- Vice Chancellor, CSJMU was the chief guest and various universities participated in the event.

3 days Yoga Workshop from 15-17 June 2018 was organised in CSJM University girls hostel in association with ministry of AYUSH to promote the importance of yoga in our daily life.
Mahima pandey student of B.Sc.II year (Biotechnology) from UIBSBT, CSJMU won first prize in essay writing on topic “Digital India”. She was invited to meet with our Honourable President Shri Ram Nath Kovind Ji in January 2018.

Dr. Sidhanshu Rai of Institute of Business Management received a state level award for SVEEP activities as SVEEP Coordinator CSJM University, Kanpur. The award was given by Honourable Governor of U.P and Sri L. Venketeswar Loo Chief election officer, U.P. on 25th January 2018 National Voters Day.
Dr. Sandesh Gupta from University Institute of Engineering and Technology, CSJM University, Kanpur and Associate Director of ACM ICPC Kolkata-Kanpur Site won the prestigious “2018 ICPC Foundation Asia Distinguished Leadership Award” by ICPC Foundation headquarter at Baylor University, USA in recognition for his service to academia, industry and students in computer sciences and engineering through strengthening the International Collegiate Programming Contest in Asia.

Dr. Pushpa Malik Associate Prof. BAKPG college, Lakhimpur Kheri got Sahitya Award for her book on 'संस्कृत बाद्मय में विज्ञान' by Honorable Governor and Chief Minister of U.P. on 7th February 2018.

Dr. Ajay Kumar Gupta, Associate Professor and Head of University Institute of Pharmacy was awarded 'Best Presentation Award' for his scientific paper entitled “Impact of environmental changes on important chemical constituents of bean oil” in WRJC-2018 at Art of Living International Centre, Bangalore, Karnataka on 11.1.2018, by the patron Sri Sri Ravi Shankar Ji.

He was also awarded “Excellent Faculty Award” for his excellent contribution in the field of 'Education, Environment, Health and Social awareness’ during International Symposium on Indiscriminate development: Current scenario and Socio-environmental challenges (IDCSC2018) held at Botanical Survey of India (BSI) Allahabad, on 18th March 2018.

Prof Nand Lal, Department of Life Science was Selected for The Albert Nelson Marquis Lifetime Achievement Award - 2018 by marquis Who's Who Foundation, USA in recognition of research contributions in the field of Plant Sciences.
The CSJM University Counselling Cell was formed with the motto of multidisciplinary development of student through academic, career and personal counselling by providing ample of information and opportunities. The sessions were organized on 24\textsuperscript{th} Feb. and 21\textsuperscript{st} March 2018 on Career Counselling and Skill development.

The CSJM University Placement Cell provides bright career opportunities for the students of University and colleges for all streams (science/Arts/Commerce) through Placement Drives. Different placement drives were organized on 23\textsuperscript{rd} Jan., 24\textsuperscript{th} Feb. and 27\textsuperscript{th} Feb. 2018 for Concentrix, Bajaj Allianz and TCS.

The research paper of Dr. Varsha Gupta Asst. Prof. University Institute of Bio Sciences and Bio Technology and Kumar D, Malik DS titled “Seasonal assessment of surface water quality in the middle stretch of river Ganga for suitability of fish and human health” has been accepted for print in Journal of Experimental Zoology 2018.

A book titled "अन्तर्गतव्युत्पन्न धन्यवाद दीनदयालुपालिकाय "was released in a program organized by DeenDayal research center. The program was presided by Honorable Vice Chancellor CSJM University Prof. Neelima Gupta and the Chief Guest was Dr. Ashok Kumar Varshney, Secretary, All Indian Association ArogyaBharati.

'Indian Rural Market: Genesis, Evolution, Opportunities and Challenges', a keynote lecture was given by Prof. Nand Lal at post inaugural session of National seminar on "Indian Rural Market: Opportunities and Challenges in the Global Context" held on February 21-22, 2018 at Government Degree College, Unnao (UP). Prof. Nand Lal of UIBSBT was Chief Guest of the Inaugural Ceremony of this National Seminar.
On 24th March 2018 IHTM and INTACH Organised ‘Kanpur Day’ in CSJM University. The Program was inaugurated by Honorable Vice Chancellor Prof Neelima Gupta, Dr. Pradeep Dixit, Prof. S.K. Srivastava and Dr. Sidhanshu Rai, Coordinator IHTM. Prof. Neelima Gupta talked about the history and the importance of Kanpur as a city. She gave her ideas about ways to develop and highlight Kanpur on India’s Map. Dr. Sidhanshu Rai explained the intent of celebrating Kanpur Day as to formulate new ideas and plans to develop Kanpur as a tourist destination.

Edufest-2018 was organised by the University on 8th May 2018. The education fair was open for all aspirants and provided information regarding job oriented professional courses in the University campus. All departments held their stalls to brief about the courses and opportunities in their respective fields. The Program was presided by Honorable Vice Chancellor CSJM University, Chief Guest of the program was Commissioner Kanpur Zone Mr. Subhash Chandra Sharma. The program was attended by more than a 1000 students from different schools in Kanpur city.
On 24-02-2018 Parent Teacher meeting was held at Institute of Hotel & Tourism Management. This Meeting was organized to establish co-ordination between parents and faculty of the Institute. The suggestions provided by the parents would be inculcated for the welfare of students. Parents were also informed in detail about the student's previous activities, new semester scheme, teaching program scope & future of the course.

Dayanand Academy of Management Studies organized a Parent Teacher meeting on 17th March, 2018. Parents of Students pursuing BBA and BCA second semester were invited. It was a fruitful session meeting parents and knowing their perspectives.

On 16th Feb 2018 at 12 Noon Honorable Prime Minister Shri Narendra Modi Conducted a video conference for all students across the country. He talked about the Importance of education. The Students from IHTM, IBM, UIET, IBSBT and all other departments in the university actively participated and took a pledge to follow all the guiding rules as told by the Honorable Prime Minister.
Vice Chancellor’s summit was organized on 10th Feb 2018 at CSJM University, Kanpur. Honorable Governor of UP Shri Ram Naik Ji inaugurated the summit. In this summit more than 25 Vice Chancellors of different Universities of U.P. participated and issues related with Higher education system in the state were discussed.
India is an agriculture-based country. Approximately 70% population depends on agriculture for their livelihood. The production of quality crops is considerably affected by various insects & pests, infesting at different stages of crop growth, which are the main constraints in profitable commercial production. The production and productivity of the crop is greatly hampered by different pests. To control the pest, several chemical insecticides are applied. Initially these pesticides performed well against the pest. But they create several other problems. Indiscriminate use of these chemicals harms the non-target organism, develop pest resistance and are harmful for environment. These toxics accumulate in the crop and later it adversely affects the human population also. Chemical control alone is not sufficient for pest control. To avoid such problems integrated pest management develops the concept of biopesticides. Plant produces several chemicals for their safety against herbivores, pest, viruses, nematodes etc. These secondary metabolites perform very well as pesticide with less harm to the environment. Secondary metabolites from plants play a key defensive role against the insects and act as antifeedants, oviposition deterrents and growth inhibitors. These botanicals are not only biodegradable and environment friendly but also there is less likelihood for insects to develop resistance against these natural substances. Botanical insecticides are an important group of naturally occurring, often slow acting crop protectants that are usually safer to humans and the environment than conventional pesticides. These contain mixture of biologically active substances thus no resistance is developed in the pest. Therefore, the use of botanical insecticides has been recommended ever more as a suitable alternative of plant protection with minimum negative risk. The interest in biopesticides is based on the advantages associated with such products. Use of botanicals, for controlling insect pests in the last few decades have given promising results. Studies indicated that Neem, Jatropha, Kasaundi, Sahajan, Nagkesara, Satavri and Tesu etc. give tremendous results against different crop pest. So, there is a need to apply the laboratory results in the field on large scale, make people aware about these ecofriendly pesticides and provide these biopesticides to the farmer at minimum possible cost.
ANCIENT LIBRARIES AT A GLANCE

Ms. Smita Gupta, Assistant Professor
Deptt. of Lib. & Info. Sci.
CSJM University, Kanpur

Civilization in India is one of the oldest in the world. From ancient times it has a centre of intelligence of higher learning and libraries. Historically libraries were part of Indus-valley civilization. Those libraries were called as “Pustakalayas”. According to the Archeological research department, evidence of ancient Indian libraries are available from 2500-1500BC. As rightly pointed out by Dr. Sarvepalli Radhakrishnan- “In the olden days teachers of India were themselves librarians and they were held in higher esteem”. So they are also known as “mobile libraries’ and “memory libraries”.

Here is the list of 10 must-visit libraries in India, which have an amazing collection

1. Raza Library
   Built in 1904 as part of a palace in Rampur, the Raza Library is one of India’s few protected monuments. The collection in the library dates to the royal family’s efforts since the 1700s, and includes 17,000 rare manuscripts, 205 hand-written palm leaves and 5000 miniature paintings. It also contains printed works in Sanskrit, Hindi, Urdu, Pashto (having the original manuscript of the first translation of the Qur’an in addition to other important books/documents), Tamil and Turkish, and approximately 30,000 printed books (including periodicals) in various other languages.

2. David Sassoon Library
   Located in the heart of Mumbai, the David Sassoon Library was completed in 1870. Like the Raza Library, the David Sassoon Library is one of only 145 monuments protected by India’s government, and the oldest library in Mumbai.

3. Nehru Memorial Museum And Library
   Situated in a historical building that served as the residence of India’s first Prime Minister of Jawaharlal Nehru, has arguably one of the best collection of resources in India. It was Designed by Robert Tor Russell, the British architect.

4. The National Library of India
   The National Library of India situated in Kolkata is the largest library in India by volume and India’s library of public record. It has a huge collection of over 2.2 million books. Library is situated in a scenic part of the bustling city of Kolkata, on a 30 acre green, lush plot.
5. State Central Library of Hyderabad
The State Central Library Hyderabad is a public library in Telangana. The building was constructed in 1891 by Nawab Imad-ul-Mulk and was granted heritage status in 1998. The architecture is reminiscent of a palace with its huge halls and high ceilings.

6. Sarasvathi Mahal Library
The Sarasvathi Mahal Library is one of the oldest libraries in Asia located in Thanjavur (Tanjore), Tamil Nadu. It has a rare collection of Palm leaf, manuscripts and paper written in Tamil, Hindi, Telugu, Marathi, English and a few other languages indigenous to India.

7. State Central Library, Thiruvananthapuram
State Central Library of Kerala is also known as Trivandrum Public Library is the first public Library in India. The Library was established in the year A.D. 1829 during the reign of King Swathi Thirunal of Travancore. It houses various collections such as a Malayalam section, a reprographic section, a digital library, a children's library, etc.

8. Connemara Public Library
The Connemara Public Library in Chennai is one of the four National Depository Libraries, which means that it stores/receives copies of various books, newspapers and magazines printed in India. Established in 1890, the library is a repository of centuries-old publications.

9. Asiatic Society of Mumbai Library
Situated in a beautiful colonial building in Mumbai, the Asiatic Society of Mumbai library houses the collection of the society, which includes 20,000 rare books. It was founded by Sir James Mackintosh with the intention of "promoting useful knowledge, particularly such as is now immediately connected with India".

10. Allahabad Public Library
The Allahabad Public Library also known as Thornhill Mayne Memorial is a public library situated at Alfred Park in Allahabad. Established in 1864, it is the biggest library in the state of Uttar Pradesh. The library has an approximate collection of 125,000 books, 40 types of magazines and 28 different newspapers in Hindi, English, Urdu and Bangla and contains 21 Arabic manuscripts. It also has a collection of old government publications, parliamentary papers, and blue books of the 19th century, old manuscripts and journals.
## Proposed Events (July to December 2018)

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