

ANNUAL REPORT

2016-17



15th CONVOCAATION, 25th March, 2017

IET Bhaddal Technical Campus, Ropar

Institute of Engineering & Technology

College of Architecture

Institute of Management Studies

GCS Institute of Vocational Studies

Presented by

Dr. M S Grewal

Director-Campus



S. Charanjit Singh Channi
Technical Education and Industrial Training Minister, Govt. of Punjab

Born on April 2, 1972, in village Makrona Kalan near Chamkaur Sahib, S. Charanjit Singh Channi received his primary education from a Govt. Primary School. After moving to Kharar with his family, Charanjit Singh Channi, then went on to complete his matriculation from Khalsa Higher Secondary School in Kharar, where he received free education. He has been a great handball player who has many awards under his belt. He has also represented Panjab University three times in Handball and received the Gold Medal in the Inter University Sports Meet..

He started participating in political activities from his school days. He has been elected President of the School Student Union. After his secondary education, he joined Sri Guru Gobind Singh College in Chandigarh for higher education. After graduating therefrom, he joined Punjab University, Chandigarh and got his degree in Law. S. Charanjit Singh Channi is a firm believer of quality in education and thus keeps himself attached to education in one way or the other.

Moved by the works of his father, S. Charanjit Singh Channi embarked on a journey of development and growth, not just for the self, but for the entire nation. His passion for people's welfare eventually led him to a successful career in politics. His attempt to serve those in need made him the Municipal Council of Kharar for continuously three times. This initiation was certainly exceptional which quietly laid the foundation of the making of the valuable MLA of the city.

S. Charanjit Singh Channi is well conversant with every problem of the area which he has effectively raised on the floor of unjab Assembly. Today he is one amongst the countable few good speakers in the Punjab Assembly.

Knowing the capability of S. Charanjit Singh Channi, Capt. Amrinder Singh, honorable Chief Minister, Punjab appointed him as Technical Education and Industrial Training Minister (Cabinet rank)



Professor (Dr.) M. P. Poonia
Vice Chairman, All India Council for Technical Education

Dr. M.P. Poonia is specialized in the field of Mechanical Engineering (IC Engines, Gas Dynamics, Ref. & AC), Renewable Energy and Sustainable Development. He is M.Tech (Thermal Engg.) and Ph.D (IC Engines) from Indian Institute of Technology, Delhi. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 08 books and developed 02 Lab Manuals. He has guided number of M.Tech and Ph.D dissertation. Dr. Poonia is the Member of IEI, ISTE & Society of Automotive Engineers.

Dr. MP Poonia is presently serving as Vice Chairman, All India Council for Technical Education since 20th January, 2017. Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh for about 4½ years (since 20th July, 2012 to 18th January, 2017). Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata) on 16th August, 2014. On behalf of NITTTR, Chandigarh, he received National Award for the Empowerment of Persons with Disabilities – 2013 by the Hon'ble President of India on 3rd December, 2013 in New Delhi in recognition of outstanding performance in the field of Best Institution for Empowerment of Persons with Disabilities in the country.

Dr. Poonia also made significant contribution while serving as a Director, NITTTR, Chandigarh for the growth and development of technical education in the northern states of India and to conduct of sub-regional and in-country programmes in collaboration with Colombo Plan Staff College for Technician Education, Manila, Philippines. Under his able leadership, the institute had to its credit the conduct training programme in Nigeria. He was the member of more than 20 Government/Autonomous Bodies/Universities in the state of Punjab, Haryana, Himachal, Delhi and Chandigarh while at NITTTR, Chandigarh.

Dr. M.P.Poonia is Advisor of the Sustainable Business Network of United Nations ESCAP Business Advisory Council www.ebac.unescap.org . Dr. Poonia emphasized on quality education, good governance, e-learning towards digital India, Go-Green Environment, skill development and assisted the University Grant Commission, National Board of Accreditation, NAAC, Consortium for Educational Communication (CEC) and Telecom Sector Skill Council (TSSC) of India for their academic achievements. He visited many countries like USA, China, Canada, Thailand, U.K, Singapore, Taiwan & Sri Lanka.



Profile of Dr. N P Singh
Dean, IKG Punjab Technical University, Jalandhar

Dr. N.P. Singh born on 6th August, 1959, did his M. Sc., Applied Physics in 1982 from Punjabi University, Patiala and Ph. D in 1987 from Guru Nanak Dev University, Amritsar. He is presently serving as Dean, IKG Punjab Technical University, Jalandhar. Till now in his 31 years of experience, he served a number of administrative as well as teaching positions at PTU and some other organizations. He has a long list of honors and achievements to his credit Dr. Singh has been nominated as Chairman, Accreditation committee of National Board of Accreditation (AICTE) for accreditation of Govt. Polytechnic, Hamirpur (HP). During his tenure as Director, Sant Longowal Institute of Engg. & Tech., Longowal (SLIET), Sangrur was given the status of University by UGC, New Delhi. He conducted several entrance examinations successfully. Dr N P Singh visited many countries and to name a few are Yugoslavia, United Kingdom, Italy, China, Pakistan and Korea.

Dr. Singh is member of many professional bodies: Founder Member, Third World Association of Remote Sensing, Trieste (Italy), Life Member, AEG, Hyderabad, Life Member, Material Research Society of India Life Member, ISTE, New Delhi. Dr. N P Singh has been member to North-Western Regional Committee of AICTE, New Delhi (March 2005- March 2006), Member, Research Degree Committee in Physics, Guru Nanak University, Amritsar from July 2006 to June 2008, Chairman, Board of Studies (Distance Education) for Short Term Courses Punjab Technical University, Jalandhar. He has also been coordinator, PTU, Jalandhar for SLIET, Longowal from October, 2004 to November, 2005.

In credit to his teaching, research and development, Dr. N P Singh authored 43 research papers, 5 general articles, 3 books and guided around 15 research students.



**Padam Bhushan awardee, Mr. S.P. Oswal
Chairman, Vardhman Group**

Mr. S.P. Oswal born in 1942, is the Chairman of the Vardhman Group. He holds a Masters Degree in Commerce with Gold Medal from Punjab University, Chandigarh. Mr. Oswal has over 40 years of experience in the textile industry. He is holding certain eminent positions; Chairman & Managing Director-Vardhman Textiles Ltd., Chairman-Vardhman Holdings Ltd., Chairman-Vardhman Acrylics Ltd., Chairman-Nimbua Greenfield (Punjab) Ltd., Chairman-National Committee on Textiles, Confederation of Indian Industry, Director- Exim Bank of India, Director- UTI Trustee Company Pvt. Ltd., Director-Indian Institute of Technology, Delhi, Member- National Council, Confederation of Indian Industry, Member-Industrial Advisory Council, Government of Madhya Pradesh, Chairman, Managing Committee- Sri Aurobindo College of Commerce & Management, Member, Board of Governors-Punjab Technical University, Jalandhar, Member, Senate-Punjab University, Founder President and Director (1983-87), Ludhiana Stock Exchange.

Mr. S.P. Oswal took the initiative to the successful experiment to adopt villages to improve the yield of cotton in Punjab in 2001. Mr. Oswal set up a trust by the name of Sri Aurobindo Socio Economic and Management Research Institute and the trust has set up a college - Sri Aurobindo College of Commerce and Management (affiliated to the Punjab University) with the mission to create an institution with distinction dedicated to the ideals of creating disciplined career oriented young people ready for going for administrative and management roles in enterprises.

Mr. Oswal is also the Chairman of Nimbua Greenfield Punjab Limited - formed by a consortium of industries of Punjab for developing & common facility for storage, treatment and disposal of hazardous wastes generated by the Industry with a Government of India grant. Mr. S.P Oswal has made Punjab proud by getting the prestigious national award Padam Bhushan in trade and industry category in 2010.

Brief Profile of IET Bhaddal Technical Campus

- IET Bhaddal Technical Campus is continuously focusing on providing practical oriented technical education for emerging occupations for the benefit of the students, industry and communities, “Kandi Friends Educational Trust” under the dynamic leadership of great visionary Revered Er. Gurcharan Singh Ji established institutions at village Bhaddal to impart quality education in technical/professional fields.
- To realize this idea, he set up the vast and environment friendly infrastructure equipped with the best of teaching facilities & established a number of institutes in the campus; Institute of Engineering & Technology, College of Architecture, Institute of management studies and Gurcharan Singh Institute of Vocational Studies.
- All these institutes are dynamic and flexible organizations with a global vision and are situated in a pollution free environment; spread over 50 acres of land in village Bhaddal. Presently the institutes are being managed by KFET (Kandi Friends Educational Trust) under the supervision of the Chairperson, Ms. Kulwinder Gurcharan Kaur.
- The Institute of Engineering and Technology is NAAC & IAO-USA accredited and UGC approved (2f & 12B). It is approved by AICTE, COA Govt. of Punjab and affiliated to IKG PTU Jalandhar.
- IET Bhaddal Technical Campus offers Under Graduate programs in Engineering, Architecture, Management Studies, BBA, BCA, B. Com. (Professional), B.Sc. Agriculture & B.Sc. Hotel Management, Master Programs; MCA, MBA, M. Tech. and M. Arch., affiliated to IKG Punjab Technical University Jalandhar.

- Apart from these Research & Development and consultancy are also promoted under R &D activities to encourage faculty & students to take up fundamental & applied research problems to aid teaching-learning process in the campus.
- Well organized Training and placement Cell having close liaison with industries and is working in the campus to look after needs of industrial training and placement of students both on & off-Campus.
- In addition, we have established HVPAC Cell and Internal Quality Assurance Cell (IQAC) in the campus.
- In joint collaboration with IITs we are regularly organizing various faculty development courses under CEP/QIP/ Summer/Winter Schools to enhance the teaching skills of our existing faculty and faculty from other institutions for STTPS under the scheme of NME-ICT project sponsored by ISTE/MHRD.
- Hope we shall be able to transform vision of our founder chairman into reality, through our commitment, dedication and unfailing efforts to develop Bhaddal Technical campus, a centre of academic excellence.

ANNUAL REPORT OF IET BHADDAL TECHNICAL CAMPUS

The dexterity of brilliance and aura of exuberance of any organization is portrayed through its Annual Reports. Every Institute, marching unswervingly ahead, with huge heap of fruits of commitment having been realized, wishes to display its proud harvest before the masters who feed and nurture it and after its approval, before the public to whom it belongs.

At IET Bhaddal Technical campus, keeping the objective of each program in mind the teaching learning process specifically designed to achieve the desired outcomes are continuously monitored. Sincere efforts are made to make our students globally competent. Our students excel in the University Examinations for which they are encouraged and suitably awarded. A large number of Co-Curricular Activities related to technology, culture, social service, environment preservation, sports and games are organized. Our faculty members are actively involved in academic and extension activities. All these activities for the year 2016-17 are briefed below:

A. ACADEMIC PROGRESS

(i) **Achievements:** IET Bhaddal campus conducts the academic activities which include teaching, research and industrial visits. The program of study is organized on semester basis as per academic norms of affiliating University. As per academic calendar, students are evaluated on a continuous basis throughout the semester and motivated for better results and performance. Maintaining a high level of standard, our students have performed well at the University examinations. In this aspect our faculties also leave no stone unturned. Dr. J.S.Kanwar, Director, Research & Development Cum Director P&D as well as Professor of Chemistry has attained the life membership of ISCA, ISTE, PAC & membership of American Chemical Society. Dr. Rakesh Kumar completed his Ph.D. degree in Mechanical Engineering from IKG PTU Jalandhar in October 2016. Mr. Anand Mittal, Principal HMCT has been honored as Master Chef at Hotel Aroma, Chandigarh on International Chefs Day, 20 October 2016. Mr. SidharthRanjan and his team qualified for the final round for Tap Business Plan organized by TIE & PTU Nalanda.

To enhance practical exposure to the students, staff and faculty members, a number of workshops, conferences, seminars, expert talks, industrial visits, STC/FDP are organized throughout the academic year. **Annexure II** gives the detail of conferences, seminars and workshops organized in the Campus. Faculty is also allowed to attend specialized courses in and outside the Campus and complete detail is presented by **Annexure III**. Campus regularly organizes expert talks for the skill enhancement of students and faculty on the advanced techniques and **Annexure IV** gives such detail.

(ii) **ISTE Best Award:** In March 2016 two students Rajesh Jha & Bharti were awarded “ISTE Best Student Award” at Adesh Institute of Engineering and Technology, Faridkot on the occasion of Technical Festival "SCINTILLA – 2016.

In November 2016. Dr. J.S Kanwar (Director R&D, P&D), Prof. Deepika Bhalla (Ex. Director), Mr. Pradeep Gaur (HOD ECE & ISTE Faculty Advisor) were awarded as “ISTE Best Teacher Award 2016” and three students Rajesh Jha, SidharthRanjan & Kshitij Kumar were awarded as “ISTE Best Student Award 2016” at Rayat Bahra Engineering College, Railmajra, Ropar.

B. INSTITUTIONAL ACTIVITIES

(i) **International Women's Day:** Inter College Paper Reading Contest, Debate, Mehndi and Rangoli Competitions were organized on the occasion of "International Women's Day" that was celebrated on 8th April 2016. On this day the NSS wing of the IET Bhattal Technical Campus organized a Blood Donation Camp in which 96 donors donated blood. Certificates were awarded to the successful candidates of the Stitching and Embroidery Center run under the Rural Development Program (RDP). The Chief Guest for the function was Ms. Kanwardeep Kaur, IPS & Guest of Honour was Ms. Raviraj Kaur, Principal, GMSSS, 37B, Chandigarh.

(ii) **Celebration of Sikh Environment Day:** Cycle rally was organized from IET Bhattal to Tibbi Sahib Gurudwara Ropar and back to IET Bhattal on 14th March, 2016 to commemorate Sikh Environment Day on occasion of Gurgaddi Diwas (enthronement day) of Guru Har Rai Ji, the 7th Guru of the Sikh, who was a great humanitarian and inspired people to preserve nature and promote the well-being of animals. A Play on Environmental Awareness and Preservation was performed by NSS students at Bela Chowk, Rupnagar. The rally arrived at Maharaja Ranjit Singh Bagh, Rupnagar followed by an address on Environmental Awareness by Chief Guest, Deputy Commissioner, Rupnagar and an Environmentalist.

(iii) **Yoga Day:** 21 June 2016 yoga day was organized on the Barsi of our Founder Chairman Er. Gurcharan Singh Ji. Mr. Anurag Pandey, Gym Instructor, IET Bhattal, instructed students and staff of IET and yoga was done physically.

(iv) **Founder's Tribute Day:** On 21st June 2016, the 13th Founders tribute day was organized in memory of the Founder Chairman, Revered Er. Gurcharan Singh Ji on his 13th Death Anniversary. Er. Gurcharan Singh Yoga Centre was also inaugurated on this day.

(v) **Swatch Bharat Abhiyan:** Swatch Bharat Abhiyan was celebrated on 12th August 2016 and NSS volunteers went for cleanliness drive at Railway Station Mianpur and also within the campus.

(vi) **Independence Day Celebrations:** The 70th Independence Day "Azaadi 70" being celebrated on 15th August, 2016 on the campus. Tributes were paid to those who laid their lives to make this day happen. The students, faculty and staff made a commitment to work for raising the standard of technical education and make efforts to inculcate human values in the community. Freedom fighter S. Arjan Singh was the Chief Guest of the occasion.

(vii) **Teacher's Day Celebrations:** On 5th September 2016, Teachers' Day was celebrated as a tribute to the valuable contribution made by teachers to the society by imparting knowledge and enlightening and shaping the career of students. Celebration of Teachers' Day is fairly popular in many countries across the world and is even acknowledged by UNESCO. Celebration of Teachers' Day is a wonderful opportunity especially for all of us to show our gratitude and

appreciation to our teachers. Dr. Vidya, Associate Professor, Applied Science Department was given best teacher award for her research and development contributions.

(viii) Tree Plantation Drive: On 9th September 2016, tree plantation drive was organized under the guidance of Sh. Karnesh Sharma, IAS, Deputy Commissioner Roopnagar as Chief Guest. A regular activity is now a mission with IET Bhaddal Technical Campus to make this world a better place for future generation.

(ix) PTU Youth Fest North Zone: IET Bhaddal Technical Campus, Ropar is privileged to host IKGPTU ZONAL YOUTH FESTIVAL -2016 (ZONE- III: Mohali, Ropar, Nawanshahr Districts) from 13-15 October 2016 which was dedicated to 125th birth anniversary of Dr. Bhim Rao Ambedkar. Mr. Dharam Pal Gupta, Director Technical Education and Industrial Training, Punjab was the Chief Guest of the occasion and he encouraged the students participating from different colleges affiliated to IKG PTU Jalandhar in various cultural events like Bhangra, Giddha, One Act Play, Creative Writing Easy, Creative Writing /Short story, On the Spot Painting, On the spot Photography, Folk Song, Skit, Mime, Poster Making.

(x) Tech Fest 2016: ISTE sponsored National level Techno Cultural Techfest 'FELISCITA 2016' which was successfully held on 17-18 October, 2016 in the college under the leadership of Mechanical Engineering student, Mr. Rajesh Jha (ME/13/13299) and under the guidance of Mr. Pradeep K. Gaur, HoD ECED. There were more than 65 technical events and more than 100 coordinators as well as faculty coordinators worked together for smooth conduction of the event. The different types of events; technical events, on technical events, fun events, literary events, robot events, fine arts were organized in FELISCITA 2016. There were more than 1500 awards of excellence certificates distributed among the coordinators as well as participants.

Mr. H.S. Cheema, Founder Chairman, Cheema Boilers Ltd. was the Chief Guest for the first day and Chief Guest for the second day was Ms. Ramandeep Kaur, PCS, Tehsildar, Ropar, Punjab. The main attraction of FELISCITA-2016 was the, 'STAR NIGHT' & 'DJ NIGHT'. Fashion show and star night were organized on day-1 and singers; Anmol Gagan Maan, Gurbazz & Jass Bajwa enthralled the audience with their marvelous performances. A DJ night was also organized on the second day by 'LEMON DJ'. Winners were awarded with cash prizes, mementos and certificates".

(xi) AkshayUrja Divas: IET Bhaddal Technical Campus celebrated AkshayUrjaDiwas in tribute to the Founder Chairman On 19th Oct. 2016 Bhaddal Institutes celebrated AkshayUrja Diwas, on the occasion of the 65th birth anniversary of founder Chairman Revered Er. Gurcharan Singhji. A seminar and presentations were made by the Energy Club of IET Bhaddal Technical Campus. Dr. Raja Singh Khela, Director, Doaba Institute of Engineering & Technology, Kharar was the chief guest of the event.

(xii) Foundation Day: 19th Foundation Day was observed on 22nd November 2016. The Chief Guest for the day was Mr. Karnesh Sharma DC Ropar. Sikh religious programmes were held in the college premises followed by 'SabadGayan'

and 'Langer' Various schools from Chandigarh, Ludhiana, Machiwara, Ropar etc. had also visited on the occasion and the students from schools who had got the best position in their board exam were awarded with the cash prizes.

(xiii) Training and Placement Cell: Training and Placement Cell is continuously striving to transform the dream of each student into reality by helping them find placements and guiding them for higher education. It plays a significant and key role during the interface when the students complete their studies and enter into suitable employment. The Cell is also guiding the students to join prestigious companies in their training in the final year of their study. Joint Campus Placement Drives for Thermax, Hindustan Unilever Limited, Computer Systems West, Softtrix Web Solutions, C.R. Automation, National Fertilizers Limited, Nangal, DSM Sinochem Pharmaceuticals, Gurugram, RAPS iTech, Click Labs Institute, Reliance JioInfocomm, Mansa Infotech, Masibus, Telcocrats Technologies, A2IT, Reliance JioInfocomm, Toxsl Technologies, Allsoft Solutions and Services, CS Soft Solutions, EH1-Infotech, Webze Technologies, Impinge Solutions were held on college campus. In addition to these Fourteen Companies, students went for off campus placement drives during the period. The **Annexure IX** details the activities of the T & P Cell.

(xiv) Publications: Faculty members of the IET Bhaddal Technical Campus have always dedicated themselves towards publishing their research work in peer reviewed and good quality national/international levels Journals and Conferences and **Annexure I** briefs the detail of such publications. Faculty members also commit themselves towards publishing their books with well-known publishing houses. Details of Books published/edited by the faculty are available in **Annexure VIII**.

(xv) Sports and Games: Apart from playgrounds, modern sports facilities including Gymnasium exist for all round development of students. Inter-department, inter-institutes and intra-mural, Inter-hostel events were organized. Regular practices in various sports events of the college teams were conducted so as to make students excel in University tournaments. IET Bhaddal Technical Campus conducts Inter-College Competitions and organized Training Camps on behalf of the Punjab Technical University. Our students performed well in these activities the details of which are included in **Annexure XIII**.

(xvi) Professional Societies: Technical activities are held on a regular basis to promote excellence in technical skills among the students. These activities are completely organized by the student community. The students of various departments become members / office bearers of different professional societies and perform various activities in order to explore / enhance their talent. Various activities performed by professional societies of different departments are enclosed as **Annexure VII**.

(xvii) Clubs: Cultural and recreational activities are held on a regular basis to pursue hobbies and upgrade skills. These activities are completely organized by the students under the guidance of the club incharges. The students perform various activities in order to explore their talents. This academic year a large number of such events were organized by the clubs

which are appended in **Annexure VI**. The details of the achievement of our students in National level technical and cultural festivals are appended in **Annexure XIV**.

(xviii) National Service Scheme (NSS): The NSS wing of IET Bhaddal Technical Campus is continuously engaged in motivating students to associate themselves in more and more social activities. Blood Donation Camps, Tree Plantation Drives, Awareness about AIDS and its Control and Drug De-addiction activities are organized by the NSS Wing from time to time on its campus and in nearby villages. A Tree Plantation Drive was carried out on campus for there are above 273 NSS volunteers enrolled. The activities of the NSS this year are appended in **Annexure XV**.

(xix) Industrial Visits: So as to interact with the industry, the students are encouraged to visit industries. One day trips for first year students and two day trips and extended trips for senior students were organized accordingly. The details of the industrial visits are available in **Annexure V**.

(xx) Value Education Cell: IET Bhaddal Technical Campus is nurturing students to value based technical education to create highly committed, dedicated and motivated professionals. Value Education Cell was set up in the campus in August 2011. Its aim is to propagate the idea of living a fulfilling life by living in harmony with self, family, society and nature. It also aims to ensure human beings' valuable participation, thus contributing towards national and worldwide growth.

(xxi) Rural Development Programme: Our Founder Chairman, Er. Gurcharan Singh who had a vision of educated job-oriented rural youth and developed villages, initiated Rural Development Programme for economic and social development of the surrounding Kandi Area villages at the very time of the start of the institutes. Following his footsteps, the Kandi Friends Educational Trust is actively engaged in various programmes connected with Rural Development under the supervision of special RDP wing. **Annexure X** presents the brief detail of rural development related activities.

ANNEXURE I:

LIST OF PAPERS PUBLISHED & PRESENTED

(a) International Journals

Prerna Vohra, Khera KS (2016) “*Effect of Imidacloprid on Reproduction of Female Albino Rats in Three Generation Study*”, Journal of Veterinary Science and Technology, Vol. 7, pp. 2-7.

Rashwinder Singh, Prikshit Singh Chib, “*Plenoptic Image Compression for improved correlation stability using improvised ACO in wavelet domain*” NAIJJC, ISSN: 2454-7514, Vol. 2, Issue 5, May 2016.

Rashwinder Singh, “*A Review on Preprocessing and Segmentation Techniques for the Detection of Microcalcifications in Mammograms*” IJTRE, ISSN: 2347-4718, Volume 3, Issue 10, June - 2016.

Rashwinder Singh, Kavneet Kaur, Navneet Kaur, “*Survey on Imaging Modalities for Detecting Breast Cancer*” IJEEEE, ISSN: 1694-2310 p-ISSN: 1694-2426, pp. 12-17, Volume 3, Issue 3, June, 2016.

Rashwinder Singh, “*Breast Cancer Detection in Mammographic Images using Watershed and Thresholding Technique*” IJERGS, ISSN: 2091 2730, 2016, vol.4, Issue3.

Gurjit Singh, Simarpreet Singh, “*Load Frequency & Voltage Control of Autonomous Power System using Particle Swarm Optimization tuned PID Controller*” IJRASET, ISSN: 2321-9653, June 2016, vol. 4, Issue 6, pp. 242-248.

Jagdeep Singh, ‘*Spirituality at Workplace: A Conceptual framework*’, International Journal of Applied Business and Economic Research, Vol. 14, No. 7, (2016): 5181-5189 (SCOPUS Indexing)

Jagdeep Singh, ‘*Impact of Macroeconomic Variables on Stock Market: A Review of Literature*’, International Journal of Applied Business and Economic Research, (IJABER), Vol. 14, No. 14 (2016): 167-196 (Indexing: SCOPUS, Elsevier’s bibliographic database)

Deepak Sood, “*Predilection and inclination of individual investor’s behaviour - an Intendment of India*” International Journal of Latests Trends in Engineering and Technology, ISSN No. e-ISSN : 2278-621X, p-ISSN: 2319-3778, ICV - 7.39/10.

Divya Kadyan, **Sanjay Singla**, “*Sentiment Analysis using Fuzzy based SVM Classifier*”, International Journal of Innovations in Engineering & Technology (IJIET,) October 2016, 7(3), pp. 522-526.

Baljit Kaur, **Sanjay Singla**, **Sukhdeep Singh** “*A Review of Classification methods for ECG Signal Classification*”, International Journal of Innovations in Engineering & Technology (IJIET,) June 2016, 7(1), pp. 582-584 .

Jasdeep Kaur, **Sanjay Singla**, **Rajbir Singh** “*Classification of Segmented Image Using Increased Global Contrast for Paddy Plant Disease*”, International Journal of Control Theory and Applications (IJCTA), Oct 2016, 9(17), pp. 8383-8389.

Manpreet Kaur, **Sanjay Singla**, “*Plant Leaf Disease Detection based on Unsupervised Learning*” International Journal of Control Theory and Applications (IJCTA), Oct 2016, 9(17), 8391-8397.

Navjot Kaur, **Sanjay Singla**, **Ashima Goyal**, “*Malignant and Benign Tumor using SVM Classifier*” International Journal of Control Theory and Applications (IJCTA), Oct 2016, 9(17), pp. 88811- 8815.

Ravinder Kaur, **Sanjay Singla**, **Sukhdeep Singh**, “*A Novel Approach to Integration of Case Based Reasoning and Biogeography Based optimization for Exploring Groundwater Possibility*” International Journal of Control Theory and Applications (IJCTA), Oct 2016, 9(17), 8827-8835.

Pooja Sharma, **Sanjay Singla, Sumreet Kaur**, “*Detecting copy move forgery in digital image using sift*” International Journal of Latest Trends in Engineering and Technology(IJLTET), ISSN – 2278-621X, Sept, 2016,7(3), pp. 199-204.

Prabhjeet Kaur, **Sanjay Singla**, “*Design for the methodology of plant leaf disease detection using image processing*”, International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN – 2278-621X, Sept, 2016,7(3), pp. 148-152.

Divya Kadyan, **Sanjay Singla**, “*Sentiment Analysis*” International Journal of Latest Trends in Engineering and Technology(IJLTET), ISSN – 2278-621X, Sept, 2016,7(3), pp. 238-244.

Jasdeep Kaur, **Sanjay Singla**, “*A detailed review and classification of segmented image for paddy plant disease*” International Journal of Latest Trends in Engineering and Technology (IJLTET), ISSN–2278-621X, Sept, 2016,7(3), 419-426.

Manpreet Kaur, **Sanjay Singla**, “*Unsupervised learning approach for plant leaf disease detection*” International Journal of Latest Trends in Engineering and Technology(IJLTET), Sept, 2016,7(3), 442-449, ISSN – 2278-621X.

Honey Mehta, **Sanjay Singla**,“*Optical character recognition (OCR) system for english language using artificial neural network (ann) classifier* “, International Journal of Latest Trends in Engineering and Technology (IJLTET),ISSN 2278-621X, Sept, 2016,7(3), pp. 42-48.

Neha Sikka, **Sanjay Singla**, “*Lossless image compression technique using haar wavelet and vector transform*” International Journal of Latest Trends in Engineering and Technology (IJLTET), Sept, 2016,7(3), 49-55, ISSN 2278-621X.

Navjot Kaur, **Sanjay Singla** “*Rectify malignant and benign tumor cancer by digital image processing techniques*”International Journal of Latest Trends in Engineering and Technology(IJLTET), July 2016,7(2), 83-86, ISSN – 2278-621X.

Ravinder Kaur,**Sanjay Singla**, “*Groundwater possibility detection using swarm intelligence technique*” International Journal of Latest Trends in Engineering and Technology (IJLTET), July 2016, 7(2), 166-169, ISSN 2278-621X.

Gagandeep Kaur,**Sanjay Singla**,“*Spatial pattern using SVM versus the Fuzzy classifier: A review for skin cancer classification*”International Journal of Innovations in Engineering and Technology (IJJET), Aug 2016, 7(2), 66-68, ISSN 2319-1058.

Jasdeep Kaur,**Sanjay Singla**, “*A Comparative Study of Segmentation Methods for Paddy Disease Detection*”, International Journal of Innovations in Engineering and Technology (IJJET), Aug 2016, 7(2), 125-127, ISSN 2319-1058.

Manpreet Kaur, **Sanjay Singla**, “*Plant Leaf Disease Detection based on Unsupervised Learning*” International Journal of Innovations in Engineering and Technology (IJJET), Aug 2016, 7(2),156-161, ISSN 2319-1058.

Navjot Kaur, **Sanjay Singla**, “*A Review of Detection of Breast Cancer using Mammography*” International Journal of Innovations in Engineering and Technology (IJJET), Aug 2016, 7(2), 173-175, ISSN 2319-1058.

Neha Sikka, **Sanjay Singla**, “*A Novel Hybrid technique using Vector Transform and Haar Wavelet for Lossless Image Compression*” International Journal of Innovations in Engineering and Technology (IJJET), Aug 2016, 7(2), 183-186, ISSN 2319-1058.

Ravinder Kaur, **Sanjay Singla**, “*A Review on the Estimation of Groundwater Possibility*” International Journal of Innovations in Engineering and Technology (IJJET), Aug 2016, 7(2),238-242, ISSN 2319-1058.

Honey Mehta, **Sanjay Singla**, “A Review on Optical Character Recognition (OCR) & its Process” International Journal of Innovations in Engineering and Technology (IJIET), Aug 2016, 7(2), 482-486, ISSN 2319-1058.

Prabhjeet Kaur, **Sanjay Singla**, “A Review on the Plant Leaf Disease Detection Techniques” International Journal of Innovations in Engineering and Technology (IJIET), Aug 2016, 7(2),539-543, ISSN 2319-1058.

Ramandeep Kaur, **SanjaySingla, BinuVargis** “A Head To Head Analysis of Plant Leaf Disease Detection”, International Journal of Innovations in Engineering & Technology (IJIET,) June 2016, 7(1), 591-593.

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Jagdeep Singh “*Corporate Social Responsibility and Sustainable Business*”, National Seminar in Management for Sustainable Development in 21st Century in collaboration with RUSA at Government College of Commerce and Business Administration Sector 50 Chandigarh, 1-2 February 2016.

Jagdeep Singh “*Issues and Prospectus of Agritourist of Punjab*”, 6th HOSTOCON National Conference at University Institute of Hotel and Tourism Management, Punjab University Chandigarh, 27th -28th February 2016.

Kawal Nain Singh, “*Role of BRICS in world economy*”, Dev Smajcollege for women, National Conference on Contemporary Issues & challenges of Indian Business in global scenario.

Anand Mittal, “*Dealing with food waste*” Article in National Magazine for the Hotel Industry-Hospitality Biz, December 2016.

ANNEXURE II:

DETAILS OF CONFERENCE/SEMINAR/WORKSHOP ORGANIZED

Department	Name of Conference/Seminar/ Workshop	Name and Designation of Coordinator	Dates
CSE	A workshop on Internet of Things (IOT-A Technology to Collect and Exchange Data between Physical Objects)	Dr Sanjay Singla HOD-CSE	16 th Sept., 2016
	One Day Workshop on "Business Model Simulations using ARENA" under the technical expertise of Prof. (Dr) DS Broc, XLRI Jamshedpur	Dr Sanjay Singla HOD-CSE	19 th Sept., 2016
	IKG PTU Sponsored National Conference on “Emerging Trends in Computer Science & Information Technology	Dr Sanjay Singla HOD-CSE	23–24 Sept., 2016
EE	One day Workshop on PLC Automation & SCADA	Mr. Sahil Bhardwaj Assistant Professor	8 th Sept., 2016
ME	One Day workshop on Auto Nirikshan	Mr. Mithlesh Sharma Assistant Professor, Mr. Aman Bansal Associate Professor	8 th April 2016
	One day workshop on Refrigeration and Air Conditioning–Live Disassembly and Assembly of	Dr. Rakesh Kumar Associate Professor,	24 th August 2016

	Domestic Refrigerator & Window Air Conditioner	Mr. Aman Bansal Associate Professor	
MCA	2-day Certified Practical Workshop on Embedded Product Design using Microcontroller (PIC-16F877A)	Ms. Jasleen Kaur HoD, MCA	19 th to 20 th Aug, 2016
	One-Day workshop on “Social Media Marketing”	Ms. Jasleen Kaur HoD, MCA	24 August, 2016
COA	Bamboo workshop	Ar. Gurkirpal Singh	22-23Aug., 2016
	Sustainability sensitizing workshop	Ar. Gurkirpal Singh	22-23 Sept., 2016
	Building with bamboo-workshop on sustainability	Ar. Gurkirpal Singh	7-9 Feb., 2016
Agriculture	Seminar on Profitable Farming for farmers	Dr. Prerna Sood Assistant Professor	19 May 2016
IMS & GCSIVS	One day workshop on Teaching Pedagogy, at Institute of Management studies, Bhaddal	Ms. Taranjit Kaur Assistant professor, Mr. Vishal Vinayak Assistant Professor	19 th Dec., 2016
HMCT	6 Weeks Training on Hunar Se Rozgar Tak (HSRT)	Mr. Bharat Singh Bora Associate Prof. HMCT, GCSIVS Bhaddal	1-13 March 2016
	2 Week Vocational Training at Hotel Park Plaza and other 5 Star Hotels	Mr. Nishant Nowal-AP Mr. Anshul Sharma Teaching Associate	16 Dec., 2016 to 4 Jan., 2017
	Cooking workshops by Cook and style	Ms. Kanchan Sharma. Associate Prof.	11 Nov., 2016
	Cooking workshops by Cook and style	Mr. Bharat Singh Bora Associate Prof., Ms. Gurjit Kaur (Student Coordinator)	26 Dec., 2016
TP Cell	Workshop on LinkedIn: Industry networking	Mr. Tenzin Ananda and Team T&P	
	60 hours training on Personality Development and Employability Skills Training	Mr. Tenzin Ananda and Team T&P	
	Career Skills seminar on Aagmann 2016 for Co-OP registration	Mr. Tenzin Ananda and Team T&P	
	Workshop on internships and volunteer assignments abroad with AIESEC.	Mr. Tenzin Ananda and Team T&P	
	Pool Campus Drive with Amazon, ACET, Amritsar	Mr. Tenzin Ananda and Team T&P	
	Workshop on LinkedIn: Industry networking	Mr. Tenzin Ananda and Team T&P	

ANNEXURE III:

DETAILS OF SPECIALISED COURSES ATTENDED BY FACULTY

Department	Name of Faculty	Course	Venue	Dates
Applied Science	Ms. Amandeep Sharma	Applied Mathematics in Engg. Disciplines	NITTTR Chandigarh	29 Aug to 2 nd Sept, 2016

Civil	Ms. Gagandeep Kaur	One week Workshop on Human Values	IET Bhaddal	15-22 Dec., 2016
	Ms. Neha Singla	One day workshop on Teaching Pedagogy	IET Bhaddal	19 Dec. 2016
ECE	Ms.Navjot Kaur	One Week Short term course on FPGA based Digital System Design	NITTTTR Chandigarh	23-27 May 2016
	Ms.Shreya Kaushal	Scilab Programming	NITTER, CHD	16-20 May 2016
	Ms.Shreya Kaushal	Collaborative Learning in Connected Age	NITTER, CHD	15 th December 2016
EE	Mr. Harkamal Deep Singh	One week faculty Development Programme on "PLC and Automation"	UIET, Punjab University, Sec.25, Chandigarh	22-27 August, 2016
	Mr. Sukhminder Singh Gill	Short Term course on Energy Management	NITTTTR Chandigarh	3-7 th Oct., 2016
	Ms. VipandeepKour	8 Days Residential Workshop on Universal Human Values & Ethics	IET BHADDAL, Ropar	15-22 Dec., 2016
	Mr. Rashwinder Singh	One Week STTP on CMOS, Mixed Signal and Radio Frequency VLSI Design	IIT Kharagpur	19-23 Sept.,2016
ME	Dr. Rakesh Kumar	one day workshop on Copy Right, Plagiarism and Research Productivity	IKG PTU Kapurthala	30 th Nov., 2016
	Mr. Aman Bansal	Hyawei Education Summit	Taj Hotel Chandigarh	21 st Nov., 2016
	Dr. Rakesh Kumar, Mr. Aman Bansal, Mr. Jatinderjit Singh, Mr. AdarshBhushan, Mr. Munish Kumar, Mr. Baljinder Singh	Teaching Pedagogy	IMS Bhaddal, Ropar	19 th Dec., 2016
	Mr. Jatinderjit Singh, Mr. Amandeep Singh Mr. Tejinderpal Singh	One week FDP on Advance Machining	NIT Jalandhar	11-15 July 2016
	Mr. Jatinderjit Singh, Mr. Amandeep Singh Mr. Tejinderpal Singh	One week FDP on Mechatronics	NITTTTR Chandigarh	21-25 November 2016
	Mr. Aman Bansal	One day Seminar on Union Budget	IET Bhaddal	30 March 2016
	Mr. Baljinder Singh	Entrepreneurship Development Program	PTU Main Campus	10 June 2016
	COA	Mr. Gurmit Singh Mr. Munish Sharma Mr. Gurkripal Singh Mr. Bipin Kumar Malik Ms. Charu Kapoor	Sustainability sensitizing workshop	IET Bhaddal Campus
Mr. Gurkripalsingh Mr. Bipin K Malik Ms. Charu Kapoor		Bamboo workshop	IET Bhaddal Campus	22-24 August, 2016
Ms. Charu Kapoor		Human values and ethics	IET Bhaddal Campus	15-22 Dec., 2016

	Mr. Gurkripal Singh Mr. Manmohit Singh	Teaching Pedagogy	IET Bhaddal Campus	19 th Dec., 2016
Agriculture	Mr. Deepak Pandey	Human Values and Ethics	IET Bhaddal	15-22 Dec., 2016
IMS	Dr. Jagdeep Singh Mr.Sushil Sharma Ms.Ramandeep Mavi Mr.Deepak Sood Mr.Vishal Vinayak Mr.Kawal Nain Singh Ms.Taranjit Kaur Ms.Ravinder Kaur Ms.AmandeepNagra Ms.Navdeep Kaur Ms.Aarti Gupta Ms.Gurender Kaur Ms.Harmeet Kaur	One day workshop on Teaching Pedagogy	Institute of Management Studies, Bhaddal	19 th Dec.,2016
	Mr. Kawal Nain Singh	Six days Workshop on Data Analytics	IKG-PTU Jalandhar	7-12 June,2016
	Dr. Jagdeep Singh	Inspiring and Motivating	University of Michigan, USA. (Online)	February 2016
	Mr. Ramkrishan	PTU sponsored eight day Workshop on Human Values	IET Bhaddal	15-22 Dec.,2016
	Mr. Vishal-Vinayak	8 days workshop on “Universal Human Values”	St.Soldier College, Jalandhar	9-16 June, 2016

ANNEXURE IV:

DETAILS OF EXPERT LECTURES ORGANISED IN IET BHADDAL TECHNICAL CAMPUS

Department	Name of speaker & Designation, Organization	Topic	Dates
ECE	Dr. JitendraVirmani, Assistant Professor, Thapar University, Patiala	Industrial applications of FIR&IIR Systems	29 th Feb., 2016
EE	Dr. DeepikaBhalla Prof. PTU Nalanda	Identifying Incipient faults in Transformers	5 th April, 2016
EE	Dr. Raja Singh Khela Director, DIET, Kharar	Renewable Energy	19 th Oct., 2016
MCA	Dr. Vivek Bhambri, Assistant Professor & Head, Department of Computer Application, AS College Khanna	Expert Talk On Data Mining & Business Intelligence	11 th March, 2016
	Ms. Jasleen Kaur, HoD MCA	Digital Scent	15 th March,2016
ME	Mr. Yogesh Kilia, Director, Medhavi Automotive Research Center, Hoshiarpur, Punjab	"Auto Nirikshan Workshop" (Live Disassembly and Assembly of Four Wheeler) on 8th April, 2016	08 th April, 2016
	Dr. RK Garg, HOD, NIT Jalandhar	Non Traditional Machining Methods”	25 th Feb., 2016
	Mr. Sandeep Gandotra (Founder & Amp; CEO, Five Senses)	My Success Story Entrepreneurship Awareness Camp	6 th Sept., 2016
	Delegates from PTU Nalanda	Creativity And Enterprenuership	30 th Sept., 2016
COA	Sangita Kapoor	Sustainability Sensitizing	22-23 Sept., 2016

IMS & GCSIVS	Dr. B.B. Goyal (Associate Prof. UBS,PUChandigarh)	One day Seminar on Union Budget:2016-2017	30 th March,2016
	Dr. Baljeet Singh Prof., Khalsa College, Anandpur Sahib	One day Seminar on Union Budget:2016-2017	30 th March, 2016
	Mr. Sarabjit Singh Associate Prof., PU,Chandigarh Dr. A.K.Verma Associate Prof., Thappar University Dr. Kanwalvir Singh Dhindsa, Prof., BBSBEC, Fatehgarh Sahib	One Day Seminar on SMAC	4 th Mar,2016
Agriculture	Mr. Deepak Kumar, Farm School of Punjab	Weed Management in Maize	26 th July,2016
HMCT	Mr. Abdul Rahman Qureshi, Executive Chef, Hotel Holiday, Panchkula	Career Prospects in Hotel Industry	13 th Dec., 2016
	Mr. Anand Mittal Principal, HMCT	Service Procedures at IHM Dehradun	23 rd Dec., 2016

ANNEXURE V:

DETAILS OF FIELD TRIPS AND INDUSTRIAL VISITS ORGANISED

Department	Name of Industry	No of students of batch/Semester who visited the Industry	Dates of Visit
Civil	Ambuja Cements	5 students/5th sem	21 st Aug., 2016
CSE	ALCHEMIST	15 students of Batch-2013/6th	4 th April,2016
ECE	ISRO/SCL Mohali	10 Students, Batch 2013,7 th Semester	28 th Sept., 2016
MCA	Purple Intellect Pvt. Ltd., C-124, Phase VIII-B, IT Park , Industrial Area, Mohali	45/ Batch 2015-17 & batch 2016-18	22 nd March,2016
ME	Mahindra & Mahindra, Foundry Division, Kurali	40 Students of batch 2014/ 5 th Semester	19 th Feb,2016
	Shri Guru Gobind Singh Super Thermal Plant, Ropar	43 students of batch 2014/6 th Sem	23 rd Feb., 2016
	Bhakhra Dam, Nangal	43 students of batch 2014/6 th Sem	10 th June, 2016
	Mahindra & Mahindra, Foundry Division Kurali, Cheema Boilers Ltd. Kurali	43 students of batch 2014/6 th Sem ,11 students of batch 2015/4 th Sem	16 th August 2016
	Jalan Cryogenics Pvt. Ltd. , Rajpura	43 students of batch 2014/6 th Sem	19 th August, 2016
	Mahindra & Mahindra, Foundry Division Kurali	43 students of batch 2014/6 th Sem ,11 students of batch 2015/4 th Sem	19 th Feb, 2016
College of Architecture	Urban Design study of Kapurthala	18/Sem-1 M.Arch.	07 th Aug,2016
	Urban Design study of Kapurthala	18/Sem-1 M.Arch.	14 th August,2016
	Live landscaping case study of sukhna lake	18/Sem-1 M.Arch.	5 th Nov, 2016
IMS	Supreme IndustriesPvt.Ltd,Lalru.	52 Students of batch 2015-2016/ 2 nd -4 th Semester	21 st Feb., 2016
	Max Speciality Films Limited (MSFL)	52 Students of batch 2015-2016/ 2 nd -4 th Semester	19 th April,2016
Agriculture	PAU KisanMela	37 Students of batch sem 1and 3	23 rd Sept, 2016
HMCT	Hotel Piccadilly, Chandigarh	50 Students of batch 2016/ 1stSemester	19-20 Sept., 2016

ANNEXURE VI:**Details of Club Activities Organized**

Dept	Organizing Club	Events Organized	Dates
IET	Technical club	Buckyball(ECE Department)	14 th Sept 2016
	Singing Club	Voice of Bhaddal	30 th Sept. 2016
	Renewable Energy Club	Akshya Urja Diwas	19 th Oct.,2016
IMS & GCSIYS	IMS Business club	Qfiesta	29-9-2016
	IMS Cultural club	Bhangra Dance/singing	27-01-2017
	Finance club	Live budget session	1-2-2017
	English club	Paper Reading	23-8-2016
	Photography Club	Nature love	15-10-2016
	Fine Arts Club	Mehndi Competition Rangoli Competition	3-10-2016 15-7-2016
Agriculture	Green Club	Quiz/idioms	17-10-2016
	Agro Club	Best Management Practices for Field Crops	07-02-2017
		Sowing of Potato	14-10-2016
		Transplanting of onion	22-02-2017
	Green Club	Quiz/idioms	17-10-2016

ANNEXURE VII:**DETAILS OF PROFESSIONAL SOCIETIES AND THEIR ACTIVITIES**

Department	Name of Society	Event Details	Date
ISTE	ISTE student Chapter IET Bhaddal.	TECHNO-MASHUT	5 th Apr,2016
Architecture	India Green Building Conference Chandigarh Chapter - IGBC, CHD Chapter	Participated in Conference on Emerging Green Technologies for Sustainable Future	August 2016
HMCT	Cook and Style	Cake Shop run by the department, inaugurated on International Tourism Day,	27 th Sept.,2016 onwards

ANNEXURE VIII:**BOOKS PUBLISHED/EDITED**

Department	Name of Authors/Editor	Title of Book	Publisher	ISBN no
Applied Sciences	Dr. JS Kanwar (2016)	Applied Engineering Chemistry	Salaria Publishing House	978-81909167-1-4
HMCT	Mr. Anand Mittal (2015)	Simply Cooking, Theory and Principles	Proman Associates, Mumbai	9788188782147
HMCT	Mr. Anand Mittal (2016)	Simply Cooking, Practical	The Hospitality Press, New Delhi	978-81-932032-1-7

ANNEXURE: IX**CAMPUS PLACEMENT DRIVES**

Year	Name of company	For Stream
2016-17	Computer Systems West	CSE, ECE, EE, ME, MCA, MBA
	RAPS iTech	CSE, MCA
	Megrisoft	CSE, MCA, MBA
	Webze Technologies	CSE, MCA

	Impinge Solutions	CSE, MCA
	Apptunix	CSE, MCA
	Softtrix Web Solutions	CSE, ECE, EE, ME, MCA
	75Way Technologies	CSE, MCA
	ToXSL Technologies	CSE, MCA, MBA
	Mansa Infotech	CSE, MCA
	Reliance Jio	CSE, ECE
	Seasia Infotech	CSE, ECE, MCA
	Click Labs Institute	CSE
	Coatec	EE, ECE, ME, MBA

ANNEXURE X:
DETAILS OF RURAL DEVELOPMENT PROGRAMME

Event Organized:	Venue	Date
One day workshop on “Small Scale Business”	Collaboration with HMCT (IET Bhaddal)	11.11.2016
One day workshop on “Food Preservation”	Collaboration with HMCT Dept.(IET Bhaddal)	22.12.2016
One day Animal Welfare Camp	Village Purkhali, Distt. Ropar	02.04. 2016
One day Animal Welfare Camp	Village Charriyan, Distt. Ropar	16.04. 2016
One day Animal Welfare Camp	Village Saifalpur, Distt. Ropar	06.05. 2016
One day Animal Welfare Camp	Village Haripur, Distt. Ropar	27.05. 2016
One day Animal Welfare Camp	Village Kishanpura, Distt. Ropar	10.06. 2016
Six month’s Stitching & Embroidery Training	Village, Bardar, Distt, Ropar	01.04.2016 to 30.09.2016
Six month’s Stitching & Embroidery Training	Village, Haripur, Distt, Ropar	01.04.2016 to till date training is going on.

ANNEXURE XI:
DETAILS OF RESOURCE GENERATION THROUGH TCS ONLINE/OFFLINE EXAMINATION

Name of Examination	Dates	Total Candidates
AIIMS (TCS),1 Shift/Day	17 Jan., 2016	250
IBPS-SIDBI(TCS),2 Shift	24 Jan., 2016	114
INV/SIDBI/0116/MH/04	30-31 Jan., 2016	200
INV/SIDBI/0116/MH/04	6-7 Feb., 2016	200
CWE (TCS), 2 Shift	14 Feb., 2016	250
BIS (TCS)	20 Feb., 2016	200
RRB-NTPC (TCS),3 Shift	2-3 April 2016	250
ALLAHABAD-BANK (TCS), 1 Shift	8 May 2016	175
AIIMS (TCS), 1 Shift	10 May 2016	250
SBI-CLERICAL(TCS),3 Shift	28 May 2016	249
AIIMS (TCS) 1 Shift	8 May 2016	250
ALLAHABAD BANK (TCS)	8 May 2016	186
AMIIS (TCS) 1 Shift	29 May 2016	189
SBI CLERICAL (TCS),3 Shift	4-5 June 2016	196
BAB (TCS), , 2 Shift	11 June 2016	164
UIICL (TCS), , 2 Shift	12 June 2016	250
EDCIL (TCS), 2 Shift	21 - 22 May 2016	250
RBI (TCS), 2 Shift	4-5 Sep 2016	250
BSNL, 2 Shift	25 -29 Sept., 2016	500
PSTCL (TCS),2 Shift	8 - 9 Oct., 2016	196
AIIMS (TCS) 1 Shift	13 Nov., 2016	250
CAT (TCS),1 Shift	4 Dec., 2016	114

Note: IET Bhaddal is a reputed center for conducting Recruitment & Competitive Examinations since last five years. During the year 2016 approximately 5,000 candidates appeared from IET Bhaddal as centre for various examinations conducted by TCS. Approximately 8 Lakh of Rupees was generated by IET Bhaddal as Revenue by leasing out its infrastructural facilities and human resources for conducting the above mentioned list of examinations in details.

ANNEXURE XII:

DETAILS OF ACHIEVEMENTS DEPARTMENT WISE

Sl. No.	Department	Achievement
1	Applied Sciences	DAE-BRNS Project for three years on “EXFOR compilation of Numerical Data”
2	ECE	Kshitij Kumar, EC/14/14185, App for Apple, 1 st position (IIT Tech-Fest)
3	EE	Sahil Mehta qualified GATE and Pursuing higher education 3 students got Laurels by getting 1 st position in Bhangra at PTU ZONAL YOUTH FESTIVAL Zone-III in Oct 2016 and PTU ZONAL YOUTH FESTIVAL Final in Nov 2016.
4	ME	2 Teams got shortlisted in PTU Entrepreneurship Development Program Competition (16/10/2017)
5	Architecture	Most Innovative Award from A3 Foundation, Chandigarh
6	Architecture	Bamboo workshop participation Chennai National Meet of Student Architects Scrap Metal Sculpture Winner, NASA
7	Agriculture	Mr. Sonu Yadav participated in the Inter University Cricket Tournament organized by PTU

ANNEXURE: XIII

Games and Sports Activities

Name of Event	Student Name	Name Of the Game	Position
IKG PTU Inter College Table Tennis (Women)	College Team	Table Tennis (Women)	3 rd
IKG PTU Inter College Kabbaddi	College Team	Kabbaddi	3 rd
All India Inter Varsity Judo Championship	Bhagwant Singh (ME)	Participation All India Inter Varsity Judo Championship	-
North India Inter Varsity Table Tennis Championship	Manju Kumari (Bcom)	Participation North India Inter Varsity Table Tennis Championship	-

ANNEXURE XIV:

DETAILS OF STUDENTS BRINGING LAURELS IN CULTURAL EVENTS

Event Name	Department	Position
Giddha at IKGPTU Inter Zonal Youth Festival	CSE	1 st
Bangra at PTU ZONAL YOUTH FESTIVAL Zone-III, Oct 2016	IET	1 st
Bangra at PTU ZONAL YOUTH FESTIVAL Final, Nov. 2016	IET	1 st
Gidha at PTU ZONAL YOUTH FESTIVAL Zone-III, Oct. 2016	IMS	1 st
Folk song Competition PTU ZONAL SOUTH YOUTH FESTIVAL Final, Nov. 2016	IMS	2 nd
Idioms in Youth Fest (Mr. Malik Musadiq)	Agriculture	2 nd
Irrigation Project Presentation by Mr. Malik Umar	Agriculture	2 nd
Mehndi Competition, PTU ZONAL SOUTH YOUTH FESTIVAL Final, Nov. 2016	IMS	3 rd
Quiz Competition PTU ZONAL SOUTH YOUTH FESTIVAL Final, Nov. 2016	IMS	3 rd
Inter College Table Tennis championship in Govindgarh, Dec. 2016	HMCT	3 rd

ANNEXURE XV:**DETAILS OF ACTIVITIES DONE BY NSS UNIT**

Sr. No.	Type of activity	Description
1.	Blood Donation Camp	96 donors donated blood on 8 March 2016 at IET Bhaddal.
2.	Celebration of Sikh Environment Day.	Cycle Rally from IET Bhaddal to Tibbi Sahib Gurudwara Ropar and back to IET Bhaddal, Ropar.
3.	Yoga Day	21 June 2016
4.	Swachh Bharat Abhiyan	12 August 2016, Swachh Bharat Abhiyan. Cleanliness drive at Railway Station Mianpur and IET Bhaddal.
5.	Tree plantation drive	9 September 2016, Tree Plantation Drive at IET Bhaddal.

IET BHADDAL TECHNICAL CAMPUS

VISION

IET Bhaddal Technical Campus (Ropar) has been established with a vision to spread quality education and Hi-tech professional education in Engineering, architecture and Management in the state especially in the less privileged area in order to cause socio-economic development therein.

MISSION

- To establish the state-of-art, technical and professional educational institutes and their feeding institutions in the Kandi area.
- To plan and implement rural development program in the area surrounding the institute.
- To arouse awareness about education, health and socio-economic development among the rural people of the area around the institute and help them improving their lot.

CORE VALUES

We are nurturing students on value-based Technical education with particular attention to

- Quality Education
- Work Culture
- Human Values
- Personality development
- Team work and
- Discipline



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