

Track ID: MPUNGN11402

Volume-8

EVALUATIVE REPORT

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

for

ASSESSMENT AND ACCREDITATION

Submitted to

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE



JAYPEE UNIVERSITY OF ENGINEERING AND TECHNOLOGY
GUNA

November 26, 2015

EVALUATIVE REPORT OF THE DEPARTMENT

1. **Name of the Department** : Humanities and Social Sciences (HSS)
2. **Year of Establishment** : 2003
3. **Is the Department part of a School/Faculty of the University?**

JUET is a unitary University. It has departments that include Department of Humanities and Social Sciences.

4. **Names of Programmes offered**

- Ph. D. Program

5. **Interdisciplinary programmes and departments involved**

An Interdisciplinary programme (M.Tech. Computational Informatics) is planned by department of Computer Science and Engineering (CSE). The nature of this programme is interdisciplinary involving the department of CSE, Mathematics and HSS. It is under the process of approval.

6. **Courses in collaboration with other universities, industries, foreign institutions etc.**

Nil

7. **Details of programmes discontinued, if any, with reasons**

Nil

8. **Examination System: Semester and Choice Based Credit System**

Semester, along with choice based credit system. Following are the details for evaluation of all type of courses

Examinations

To train the student to put in sustained and disciplined work over the entire period of study, following pattern of examination is being implemented in the university. Some important components of the examination pattern are as given below:-

I. Theory Courses

The university follows the semester systems and accordingly three examinations held in each semester for theory courses. These examinations have a total weightage of 75%; the balance 25% allocated to Assignments, Quizzes, Tutorial, and Regularity in Attendance etc. by the Course Coordinator/ Teacher.

Details of examinations and their weightage are as follows:-

a) Theory Tests/Examinations

Three tests/examinations held in each semester as specified in previous section. Tests/examinations are as under:-

- (i) Test-1 or T-1
- (ii) Test-2 or T-2
- (iii) Test-3 or T-3

b) Weightage of marks, duration & Syllabus for theory test/examination Allotment of weightage of marks i.e.75% of total & Syllabus, duration, marks for each Tests/Examinations are as under:-

Allotment of marks:

| | | | |
|---------------------|-----|-----|-----|
| Tests/Exams | T-1 | T-2 | T-3 |
| Percentage of marks | 15 | 25 | 35 |
| Duration in Hours | 1 | 1 ½ | 2 |

Syllabi Coverage:

The syllabus for each test is course contents covered up to the last day of teaching before the examination.

c) Allotment of remaining weightage of marks i.e. 25% of total.

Remaining weightage of marks i.e. 25% including 5% of attendance awarded by respective course coordinator in each theory course through the individual events i.e. Assignments, Tutorials, Quizzes, Regularity & Punctuality in class attendance on the basis of entire semester performance of the individual student.

9. Participation of the department in the courses offered by other departments

The HSS department offers the following courses in different programs of other departments as per the following table-

| S.No | Course | Program | Beneficiary Department |
|-------------|---|----------------|--|
| 1 | Presentation & Communication Skills | B.Tech. | Computer Science and Engineering, Electronics and Communication Engineering, Chemical Engineering, Civil Engineering, Mechanical Engineering |
| 2 | English - Audit Course | | |
| 3 | Group and Cooperative Processes | | |
| 4 | Managerial Economics | | |
| 5 | Financial Management | | |
| 6 | Social and Legal Issues | | |
| 7 | Human Psychology | | |
| 8 | Professional Ethics | | |
| 9 | Macro Economics | | |
| 10 | Project Management | | |
| 11 | Business Environment | | |
| 12 | Fundamentals of Financial Market | | |
| 13 | Marketing Management | | |
| 14 | Entrepreneurial Development | | |
| 15 | Managing & Marketing of Technology | | |
| 16 | Entrepreneurship and Small Business | | |
| 17 | Brand Management | | |
| 18 | Human Resource Management | | |
| 19 | Total Quality Management | | |
| 20 | Knowledge Management | | |
| 21 | Industrial Psychology | | |
| 22 | Supply Chain Management | | |
| 23 | Management of Technology | | |
| 24 | Strategic Management | | |
| 25 | Environmental Economics | M.Tech. | Chemical Engineering |
| 26 | Research Methodology and Computational Techniques | Ph.D. | Computer Science and Engineering, Electronics and Communication Engineering, Chemical Engineering, Civil Engineering, Mechanical Engineering, Physics, Chemistry, Mathematics, Humanities and Social Sciences |

10. Number of teaching posts sanctioned, filled and actual (Professor/Associate Professors/Asst. Professors/others)

| Positions | | Sanctioned | Filled | Actual (including CAS & MPS) |
|----------------------|------|------------|--------|------------------------------|
| Professor | | 1 | -- | |
| Associate Professors | | 2 | -- | |
| Asst. Professors | G-I | 13 | 1 | |
| | G-II | | 7 | |
| | SG | | 2 | |
| Teaching Assistants* | | | | 1* |

*Full time Ph.D.

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

| Name | Qualification | Designation | Specialization | No. of Years of Experience | No. of Ph.D./M. Phil Students Guided for the last 4 Years |
|--------------------------|---------------|---------------------------------|--|----------------------------|---|
| Dr.Rajeev Srivastava | Ph.D. | Assistant Professor (SG) & HOD | Industrial Economics | 17 | Ph.D. Supervision-04 Ongoing |
| Dr. Sandeep Srivastava | Ph.D. | Assistant Professor (SG) | Marketing | 13 | Ph.D. Supervision - 03 Completed 02 Ongoing |
| Dr.Rachna Chaturvedi | Ph.D. | Assistant Professor (Grade II) | Human Resource Management and Managerial Economics | 17 | Ph.D. Supervision - 02 Ongoing |
| Mr.Abhishek Shukla | PGDBM, M.A. | Assistant Professor (Grade II) | Organizational Behavior, Human Resource Management | 5 (Industry) 5(Academic) | Nil |
| Dr. Vikram Singh Chouhan | Ph.D. | Assistant Professor (Grade II) | Human Resource Management | 10 | Nil |

| | | | | | |
|---------------------|-------|---------------------------------|---|----|-----|
| Dr.Sandeep Arya | Ph.D. | Assistant Professor (Grade II) | Finance | 9 | Nil |
| Mr.Neeraj Jain | MA | Assistant Professor (Grade II) | Human Resource Management | 5 | Nil |
| Mr.Shekhar Singh | MBA | Assistant Professor (Grade II) | Finance | 10 | Nil |
| Mrs.Tamanna Agarwal | MBA | Assistant Professor (Grade II) | Talent Management, Organizational Behaviour | 4 | Nil |
| Dr. Kamini Bhasin | Ph.D. | Assistant Professor (Grade I) | Indian Writing In English Literature, Subaltern Study | 9 | Nil |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

At present no Visiting Fellows, Adjunct Faculty or Emeritus Professors are visiting the department.

13. Percentage of classes taken by temporary faculty - programme-wise information

Nil

14. Programme-wise Student Teacher Ratio

The department of HSS is teaching the students of the all departments of the University. HSS programme-wise student teacher ratio data is mentioned in the respective department detail.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

Technical Staff : 01

Administrative staff : Centrally managed at University level.

16. Research thrust areas as recognized by major funding agencies

Research thrust area: Socio-economic and environmental impact assessment

Indian Council of Social Sciences & Research (ICSSR), Ministry of Human Resource Development, Govt. of India has funded a social survey/research project study entitled “Socio-economic and environmental impact assessment of family type biogas plants in Guna district of Madhya Pradesh in March 2013.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

Nil

18. Inter-institutional collaborative projects and associated grants received
a) National collaboration b) International collaboration

Not yet

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received

| S. No. | Name of Faculty | Name of Project | Sponsor | Date of Approval | Fund Allocated (in ₹ Lakh) | Duration |
|--------|-----------------------|--|-----------------------|-------------------|----------------------------|-----------|
| 1 | Dr. Rajeev Srivastava | Socio-economic and environmental impact assessment of family type biogas plants in Guna district of Madhya Pradesh (Completed) | ICSSR, Govt, of India | February 15, 2013 | 7.00 | 18 months |

20. Research facility / centre with

- State recognition : Not yet
- National recognition : Not yet
- International recognition : Not yet

21. Special research laboratories sponsored by/created by industry or corporate bodies

Not yet

22. Publications

Summary of Publications from HSS Department from 2010 – 2015

| Category | Total publications |
|---------------------------|--------------------|
| International Journals | 30 |
| National Journals | 02 |
| International Conferences | 02 |
| National Conferences | 00 |

Other Publications

| Category | Numbers |
|-------------------|---------|
| Monographs | 0 |
| Chapters in books | 0 |
| Edited Books | 0 |
| Books with ISBN | 0 |

Journals Indexed in SCOPUS/SCI/Others

| Category | SCOPUS | SCI | Others | Total |
|---------------|--------|-----|--------|-------|
| International | 3 | 2 | 27 | 30 |
| National | 0 | 0 | 2 | 02 |

Citation Index:

| Indexing parameter | Details |
|--------------------|--|
| Google citations | Total citations 11 Range: Average:3.66 |
| SNIP | Range: Average: |
| SJR | Range: Average:0.28 |
| Impact Factor | Range: Average: |
| h-index | Range: Average: |

Details of the publications are given in **Annexure-I/HSS**

23. Details of patents and income generated

Not Yet

24. Areas of consultancy and income generated

Not Yet

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

Not Yet

26. Faculty serving in a) National committees b) International committees c) Editorial Boards d) any other (please specify)

a) National committees : Not yet

b) International committees : Not yet

c) Editorial Boards

Dr. Rajeev Srivastava: Member of the editorial board: JUET Research Journal of Science and Technology (ISSN: 23216026)

d) Any other (please specify) : Not yet

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs)

To recharge the faculty, Department organizes following activities in JUET.

- Departmental seminars
- Faculty development programme,
- Discussion forums
- Focus group
- Workshop
- Conferences

28. Student projects

- **Percentage of students who have done in-house projects including inter-departmental projects**

Not applicable

- **Percentage of students who have done in-house projects including interdepartmental projects**

Not applicable

- **Percentage of students doing projects in collaboration with other universities industry / institute**

Not applicable

29. Awards / recognitions received at the national and international level by

a) Faculty

Vikram Singh Chouhan and Sandeep Srivastava: Best Paper Award: Awarded by International Academy of Science, Engineering and Technology, 2015

b) Doctoral / post doctoral fellows

Nil.

c) Students

Nil

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

| S. No. | Details |
|--------|--|
| 1. | 5th International Conference on Information Technology & Business Intelligence (ITBI-2013),13-15 December, 2013 Funding Agencies: MPCST, and ICSSR. |

31. Code of ethics for research followed by the departments

The department follows the university's code of research ethics.

32. Student profile programme-wise

| Name of the Programme | Applications received in Year | Applications received | Selected | | Pass percentage* |
|-----------------------|-------------------------------|-----------------------|----------|--------|---|
| | | | Male | Female | |
| Ph.D. | Upto 2015 | 16 | 7 | 3 | Nos. Awarded : 2(2M,0F) Nos. Continuing: 8(3M,5F) Nos. Discontinued : Nil |

33. Diversity of students

| Name of the Programme | % of students from the same university | % of students from other universities within the State | % of students from universities outside the State | % of students from other countries |
|-----------------------|--|--|---|------------------------------------|
| Ph.D. | | | | |
| 2010 | Not applicable | 50 | 50 | NIL |
| 2011 | Not applicable | NIL | NIL | NIL |
| 2012 | Not applicable | NIL | NIL | NIL |
| 2013 | Not applicable | 100 | NIL | NIL |
| 2014 | Not applicable | NIL | 100 | NIL |
| 2015 | Not applicable | NIL | NIL | NIL |

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise

Not Applicable

35. Student progression

| Student progression | Percentage against enrolled |
|---|-----------------------------|
| UG to PG | Not applicable |
| PG to M.Phil. | Not applicable |
| PG to Ph.D. | Not applicable |
| Ph.D. to Post-Doctoral | Nil |
| Employed • Campus selection • Other than campus recruitment | Nil |
| Entrepreneurs | Nil |

36. Diversity of staff

| Percentage of faculty who are graduates | | |
|--|--------|-----|
| | Ph.D. | PG |
| Of the same university | 33.33% | 00 |
| From other universities within the State | 33.33% | 40% |
| From universities from other States | 33.33% | 60% |
| From universities outside the country | 0% | 0% |

37. Number of faculty who were awarded M. Phil., Ph.D., D.Sc. and D.Lit. during the assessment period

Six faculty members have been awarded Ph.D. during 2010-2015

| S. No. | Faculty name | Area of Research | Year of award | University |
|--------|-------------------------|---|---------------|--|
| 1 | Dr. Rajeev Srivastava | A study of Small scale industrialization in Uttar Pradesh with reference to tiny and village industries | 2010 | Lucknow University, U.P |
| 2 | Dr.Sandeep Srivastava | Designing customer centric new product development process | 2010 | ABV-IIITM Gwalior, M.P |
| 3 | Dr.Rachna Chaturvedi | A critical study of the impact of WTO on farm sector of the Indian economy with special reference to commercial crops | 2010 | APS University, Rewa, M.P |
| 4 | Dr.Vikram Singh Chouhan | Competency mapping for HR professionals in Indian it industry | 2015 | JUET, Guna, M.P |
| 5 | Dr.Kamini Bhasin | Amitav Ghosh's Novels The Shadow Lines, River of Smoke, The Glass Palace and Sea of Poppies: A Critical Subaltern Study | 2015 | Career Point University, Kota, Rajasthan |
| 6 | Dr.Sandeep Arya | Effects of user's primary need on relationship between e-loyalty and its antecedents | 2015 | JUET, Guna, M.P |

38. Present details of departmental infrastructural facilities with regard to

- a) **Library:** Department uses the facility of Learning Resource Centre (LRC) available centrally. In addition to this a Departmental Library is also available. The departmental library contains 112 titles.
- b) **Internet facilities for staff and students:** JUET campus is fully connected through LAN/ Wi-Fi arrangement consisting of around 3500 node. Internet facility is available 24 X 7 on all these nodes through 1Gbps leased line. On this network 855 Desktop Systems are made available to faculty and staff members. Other nodes are available for connections of personal computing devices by faculty/staff/students.

c) **Total number of class rooms:** 13 Lecture Theatres and 30 Class Rooms/Tutorial rooms of the University are shared with other departments.

d) **Class rooms with ICT facility:** 13 Lecture Theatres and 6 Class Rooms/Tutorial rooms with ICT facility are with other departments. The detail information are mentioned in Section 4.3.7.

Details mentioned at point b),c) &d) is available centrally at University level which is being shared by other departments also.

e) **Students laboratories:** The department has a fully equipped Language Lab with 38 computer systems and language software like DLL (Digital Language Lab); Tense Busters; Sky Pronunciation and Connected Speech.

Research laboratories: Not applicable

39. List of doctoral, post-doctoral students and Research Associates

a) From the host institution/university

Completed

1. Vikram Singh Chouhan
2. Sandeep Arya

Ongoing

1. Sapna Surjan
2. Abhishek Shukla
3. Shekhar Singh
4. Tanmay Pant
5. Sanjeev Pandey
6. Jyoti Gupta
7. Khushoo Kumar
8. Ragesh Ranjan

b) From other institutions/universities

Nil

40. Number of post graduate students getting financial assistance from the University.

The details of number of Ph.D. Students getting financial assistance from the University are as follows

| Year | Program | No. of students |
|-----------|---------|-----------------|
| 2014-2015 | Ph.D. | 1 |

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.

Yes, the Department Board of study (BOS) met and discussed the possibility of the initiation of new programme. The viability and suitability of the program was also discussed.

42. Does the department obtain feedback from

(a) Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, Department conducts multi level meetings with faculty, and subject experts from Industries in regular intervals to review the curriculum and the syllabus. This process is followed for not only the current courses but also for the newly introduced electives.

(b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, at end of every semester, Jaypee University of Engineering & Technology is conducting centralized feedback from all the students through feedback form. After the exams the HOD discusses the feedback with the concerned faculty.

(c) Alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, They are involved in the syllabus formation and review of the courses.

43. List the distinguished alumni of the department (maximum 10)

Not applicable.

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Not applicable

45. List the teaching methods adopted by the faculty for different programmes.

Following are the Teaching Methods adopted by the faculty members of Department:-

- a) **Case-based Learning** - It strengthen critical thinking skills such as applying knowledge to a real setting, analyzing problems and developing solutions, evaluating reasoning processes or actions among students.
- b) **Collaborative Learning** - Students working in small groups to complete a specific task or to work together over time to complete various assignments. These activities promote team work among students.
- c) **Classroom Response Systems** - Classroom response systems promise numerous benefits in classes, including improved student engagement, enhanced formative feedback for instructors, easy quizzing tools, even a means to take attendance. Examples are: Demonstration - Faculty show how a skill should be performed or students are observed as they perform a skill., Discussion - Formal or informal discourse on topics usually primed by leading and/or open-ended questions.
- d) **Gaming** - Competitive activity based on course content. Moderate competition enhances performance. Often used for content reinforcement and skill practice.
- e) **Graphic Organizers** - Clarify relationships with diagrams or graphs. Clarify processes with flow charts.
- f) **Role Plays** - Students are placed within a setting or situation in which they exclude all else from their experiences. If they are immersed in a language, they speak, hear, write, and read only that language. If they are immersed in a work setting and assigned a role there, they become that role and their communications and actions comply with that role.
- g) **Lecture** - Active lectures blend with 40 minute power point presentations segments with interactive experiences such as asking provocative questions and class or small group discussions.
- h) **Literature Review** – Students are advised to read and reflect on articles in the professional journals in order to become familiar with the current research.
- i) **Multimedia Instruction** - Integrating varying formats such as lecture, text, graphics, audio, video, Web resources, projection devices, and interactive devices in a lesson increases motivation, alertness, and can improve the quality of student responses.
- j) **Problem Solving** - Problems common to a discipline are integrated in scenarios to allow students to strengthen creative and critical thinking. Brainstorming - used most often with groups, brainstorming is a technique for refining the definition of a problem, generating multiple solutions to a problem or multiple designs for developing something new, and to identify possible threats to the solutions and designs. It promotes creative and critical thinking.
- k) **Student Presentations** - Research shows peer teaching is an active learning strategy that results in significant gains in learning. Students practice professional roles and improve communication skills.

l) Web-based Instruction - Using Web resources to support learning.

- Blogs
- Building a Website
- Discussion boards
- Online testing and quizzes
- Research
- Virtual tours
- Web-streaming
- Wikis

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Course work is carefully designed to serve the purposes and needs of the students. Topic wise modules are formulated with structured activities to reinforce the ideas and concepts at regular intervals, through the teaching process and after the topic finishes.

- Technology is extensively used for optimum learning, such as: slides, filmstrips, motion pictures, educational films, videotapes, diagrams, tables, graphs, charts, and so on.
- The provisions are made for multifaceted teaching methods in the modules, varying from being teacher, learner, group and individual centric. Channels for formal and informal feedbacks are kept open for timely accommodation of requisite modification/s. Formal mechanism includes learners' feedback provided on a structured form where they get the opportunity to express their experience of the course. The students are encouraged to discuss their problems in the classroom or the teacher's cabin, as per their comfort level, under the informal mechanism.
- Objectives of every course are planned in advance.
- The students are encouraged to make presentations in seminars and conferences and publish their work.
- All instructors maintain course work files in which record of class wise activities is maintained, which is submitted to the Dean.
- Course coordinator and the team of instructors engage in weekly interactions to discuss about the course's progress.
- The students are exposed to continuous assessment in the form of written and oral tests during the semester which enables the instructor to gauge their learning level.

47. Highlight the participation of students and faculty in extension activities.

Activities organized by JUET. Details are given in section 3.6 of Self Study Report of the University

48. Give details of beyond syllabus scholarly activities of the department.

- The department requests the collaboration of a faculty member of another department in developing syllabi, in order to gain an interdisciplinary perspective.
- The department encourages students and staff to participate in various national and international conferences to present their research work.
- Department has also conducted one international conference.(5th International Conference on Information Technology & Business Intelligence ITBI-2013,13-15 December13-15, 2013)

49. State whether the programme/department is accredited /graded by other agencies? If yes, give details

Not yet.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

The department currently has 10 faculty members, loosely organized into several units along broad disciplinary lines - Linguistics, Economics, Organizational behaviour, Human resource management, Marketing management, and Financial management. They represent a rather eclectic grouping, with research explorations that often go well beyond the discipline and contribute to the redefining of the discipline.

The department of Humanities and Social Sciences offers a wide range of courses to the students of technology, runs a vibrant Ph.D. program, and contributes to expanding the frontiers of knowledge in Humanities and Social Sciences.

The Department of Humanities and Social Sciences is uniquely placed to make a significant contribution to the world of research and education. It also promotes and supports multidisciplinary work of the kind that is possible only when creative researchers are from various disciplines.

The department of Humanities and Social Sciences conducts special training sessions for engineering students planning to sit for their final year placements. We apart from providing soft skills (communication skills, basics on body language and behaviour), also provide awareness about important issues that are affecting the world and which are very important from the scope of recruitment. These include science and technology, global economy, world politics etc.

The department of Humanities and Social Sciences regularly conducts a special programme to develop these skills amongst the candidates sitting for placement in various companies. To have a practical assessment of these knowledge sessions, we also conduct mock group discussion (GD) and personal interview (PI) to give students a realistic idea of what they will eventually face and where they stand.

51. Detail five major Strengths, weakness, Opportunities and Challenges (SWOC) of the department

Strengths

- The department boasts of a highly diverse and experienced faculty, amalgamation of corporate and academic background. The department is interdisciplinary in approach. It plays the pivotal role of exposing the students to an environment that is conducive to develop understanding of contemporary social and business issues through inter-relationship of science, technology and management.
- The structure of the courses offered by the department is designed as per Industry needs and is constantly upgraded and updated keeping in view the market requirements. These courses aim at cultivating critical mind and analytical capabilities among students.
- The department is equipped with state of art laboratory and library facilities. Language lab of the department is equipped with latest softwares and dedicated faculty for professional grooming of students.
- The department constantly makes endeavours to encourage students for higher study and at the same time groom them to be industry ready.
- The department actively involved in research in multi-disciplines and has experience in handling industry projects.

Weaknesses

- The department has to play the subsidiary role, primarily, which limits the scope.
- Due to subsidiary nature of department, courses are designed keeping the requirement of B.Tech students which limits the spectrum of courses offered by the department.
- Lack of resources in the department, makes it hard to take more research endeavours and industry projects.
- Less number of national and international collaborations.

Opportunity

- Given the resources available with the department, it is fully ready to start MBA or equivalent Masters programmes in future.
- With the advent of Internet era and its reach among students, the department has a good opportunity to develop and launch new web based courses on an e-learning platform.

- Since students are from different backgrounds, a lot of students are from Hindi background, department can start with special personality development and language courses for nearby school and college students as per the location requirement in University.
- Incorporating latest available technologies (videos, pod casts, virtual classrooms etc) to improve the teaching mechanism, contents and student faculty interactions.

Challenges

- Due to the diverse backgrounds of the students, the faculty faces a tough task of handling and teaching an imbalanced class of students with unequal learning abilities.
- Bringing in interactive, innovative teaching-learning methods for large classes.
- Bringing consultancy projects has been a constant challenge for the department due to lack of resources and proper exposure of the department.
- Conducting seminars and workshops at national and international platform.
- To innovate and upgrade teaching methods and content as per the dynamics of industries to develop students at par with the requirements of industry.

52. Future plans of the department.

The department aims at developing professionals with aesthetic, social consciousness and world views. The plans of the department are as follows:

- To motivate and encourage the HSS faculty members to accomplish Doctorate degree.
- To align industry - academia needs and offer new courses.
- To further strengthen the identified research areas by contributing publications in the journals of national and international repute.
- To contribute to the community through social work by involving students and by coordinating with the agencies already established in this field.
- To organize international conference, to provide researchers a platform to present their research work.

Department of Humanities and Social Sciences

Summary Report

| Category | Total publications |
|---------------------------|---------------------------|
| International Journals | 30 |
| National Journals | 02 |
| International Conferences | 02 |
| National Conferences | 00 |

Scopus Listed Papers

International Journal

2014

1. Prateek Pandey, Shishir Kumar, and Sandeep Shrivastav. “A fuzzy decision making approach for analogy detection in new product forecasting”, *Journal of Intelligent and Fuzzy Systems* (Pre- Press). (2014). [Citation Index:Nil , SNIP:xx , SJR:0.5, Impact Factor:1.812(SCI), H-Index:26(Scopus), Scopus and SCI]

2013

2. Prateek Pandey, Shishir Kumar, and Sandeep Shrivastav, “A critical evaluation of computational methods of forecasting based on fuzzy time series”, *International Journal of Decision Support System Technology*, vol. 5, issue 1, January 2013, pp. 24-39 ,(2013). [Citation Index: 2 (Google scholar) , SNIP:xx , SJR:0.18 Impact Factor:xx, H-Index:1,Scopus]
3. Prateek Pandey, Shishir Kumar, and Sandeep Shrivastav. Forecasting using fuzzy time series for diffusion of innovation: case of Tata Nano car in India. *National Academy Science Letters*, vol. 36, issue 3, June 2013, pp. 299-309, (2013). [Citation Index:2(Google scholar) , SNIP:xx , SJR:0.16, Impact Factor:0.292(SCI), H-Index:8(Scopus), Scopus and SCI]

Others Indexed Listed Papers

International Journal

2015

1. Vikram Singh Chouhan and Sandeep Srivastava, “HR Competency Modeling: An empirical study in Indian IT Sector”, *International Journal of Human Resources Management (IJHRM)*, Volume 4, issue 4, pp 1-26, 2015.

2. Sandeep Arya and Sandeep Srivastava, "Effects of user's primary need on relationship between e-loyalty and its antecedents", *Decision*, DOI 10.1007/s40622-015-0103-3, published online 03 September, 2015.

2014

3. Vikram Singh Chouhan and Sandeep Srivastava, "Understanding Competencies and Competency Modeling - A Literature Survey", *IOSR Journal of Business and Management (IOSR-JBM)*, Volume 16, Issue 1, pp. 14-22, 2014. [e-ISSN: 2278-487X, p-ISSN: 2319-7668] [Citation Index:3(Google scholar)]
4. Prateek Pandey, Shishir Kumar, and Sandeep Shrivastav. "A unified strategy for forecasting of a new product", *Decision*, vol. 41, issue 4, December 2014, pp. 411-424.
5. Sandeep Arya and Sandeep Srivastava, "Building e-loyalty:User domain perspective", *International Journal of Innovative Research in Science and Techniques (IJIRST)*, Vol.5 No.1, Jan-June, (2014)
6. Sandeep Arya and Sandeep Srivastava, "E-loyalty in Websites: User Domain Perspective", *The International Journal of Business and Management*, ISSN Online: 2321-8916, Volume 2, Issue 6, pp. 302-308, 2014.
7. Kamini bhasin, "Learning English as a Second Language & Role of Digital Language Lab" *International journal of scientific research*, Vol-3, Issue: 4, April 2014, [ISSN No: 2277 - 8179]

2013

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