SKILL DEVELOPMENT INITIATIVES @ PANJAB UNIVERSITY, CHANDIGARH*

*One of the Oldest Universities in India (estab. 1882)

*AMONGST PREMIER INSTITUTIONS OF INDIA TODAY

Indian Institute of Sciences, Bangalore & Panjab University Placed together in the (276-300) bracket in the Times Higher Education World University Rankings, 2014-15

Arun Kumar Grover

vc@pu.ac.in
PU statistics : At a glance

<table>
<thead>
<tr>
<th>Particulars</th>
<th>Number</th>
<th>Number of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>University Departments &amp; Univ. School of Open Learning</td>
<td>78</td>
<td>37967</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>35</td>
<td>23958</td>
</tr>
<tr>
<td>Post graduate</td>
<td>79</td>
<td>14009</td>
</tr>
<tr>
<td>Constituent colleges</td>
<td>4</td>
<td>3331</td>
</tr>
<tr>
<td>Affiliated colleges</td>
<td>181</td>
<td>Approx 2.5 lacs</td>
</tr>
</tbody>
</table>

BCA : 77 affiliated Colleges  
BBA : 26 affiliated Colleges  
( Total number of BCA/BBA students : ~ 10000 )

However focus today on PU Campus students ~ 15000
2000- 2006
Initiated new Professional Institutes, e.g., UIET, Dental College, UILS, to add to traditional Courses being run earlier

2007-2013
UIEAST, UIEASS, UIFT, UIHMT, & UIAMS (MBA Sectoral Courses)
Banking and Insurance
Retail Management
IT & Telecommunications
Infrastructural Management
Pharmaceutical Management
Hospital Management

2014- 2020
• Incubation Centre(s)
• Soft Skills and Hard Skill Courses with UIET, UICET, UIPS, etc.
• Chandigarh Region Innovation & Knowledge Cluster (CRIKC)
For more focus in Sunrise areas, Newer Centres / Institutes Nucleated ( >2006)

1. University Institute for Emerging Areas in Science & Technology
2. University Institute for Emerging Areas in Social Sciences
3. Institute of Educational Technology and Vocational Education
4. University Institute of Fashion Technology & Vocational Development
5. University Institute of Applied Management Sciences
6. University Institute of Hotel Management & Tourism
PU’s “Vision 2020”

*Enunciated during 125th anniversary of P.U. (2007-08)*

**Mission of the University** in consonance with the Vision-2020 has been:

To shape students relevant not only to the market economy (local, national and international), but also sensitive to our own culture, human values and nation building spirit.
Strategies pursued
For employability for all students

- Nucleated Centre for Industry Institute Partnership Programme (CIIPP)
- Central Placement Cell (CPC)
- Chandigarh Region Innovation and Knowledge Cluster (CRIKC): Networking with other institutions and nations of higher learning
- DST - Centre for Policy Research to explore Academia-Industry interactions
- DST – BIRAC: Incubation Hub in Biotechnology as well as in other areas
**Faculty**

> 1000 Faculty Members (Including Re-employed Faculty)

**Advanced Centres**

- Centre for Industry Institute Partnership Programme (CIIPP)
- Centre for Social Exclusion and Inclusive Policy (CSEIP)
- Centre of Excellence in Nano Applications
- Centre with Potential for Excellence in Particular Area (CPEPA)
- Energy Research Centre
- Sophisticated Analytical Instrumentation Facility, CIL and University Centre for Industry & Microelectronics

**Industry Linkages**

- Campus Connect Initiative of Infosys, Dr. Reddys, H.M.T., Rail Coach Factory, Trident, Vardhman, SML Isuzu, Mahindra, Ranbaxy, Panacea Biotech, etc.

**Chandigarh Region Innovation and Knowledge Cluster (CRIKC)**

1. PEC University of Technology
2. Post-Graduate Institute of Medical Education & Research (PGIMER)
3. Panjab University, Chandigarh
4. Central Scientific Instruments Organization (CSIO)
5. Indian Institute of Science Education & Research (IISER)
6. Indian Institute of Technology (IIT Ropar)
7. CSIR-Institute of Microbial Technology (IMTECH)
8. National Institute of Pharmaceutical Education & Research (NIPER)
9. Indian Nanoscience & Technology Institute (INST) and others

Panjab University
Present

Clusters
AVSAR- Placements
Non Credit Course
~4500 students

Career Guidance/
Industry Interface/
HR Meets/
Entrepreneurship
Cells

Short Term
Future

Non Credit Course
For Affiliated Colleges
2.4 Lakh Students

Own Skill/ Career portal
With video sessions,
Radio Talks etc.

Long Term Future

Hard Skills Courses &
Industry Employee
Skill Trainings

Full Credit Course
½ Credit: Career options
½ Credit: Soft Skills
Present Scenario

- Divided all UNIVERSITY CAMPUS Departments into 9 Clusters
- Conducting Seminars, Workshops, Training Programmes as per specific requirements of each cluster.
- Organizing Practical Sessions (Soft Skills & Enhancing Employability/ Career Guidance)/ Academic Industry Interface / HR Meets.
Present scenario - Clusters

Cluster 1: HUMANITIES - LANGUAGE
Cluster 2: HUMANITIES - EDUCATION
Cluster 3: HUMANITIES - EDUCATION
Cluster 4: SCIENCES - PURE
Cluster 5: SCIENCES - APPLIED
Cluster 6: PROFESSIONAL - MANAGEMENT
Cluster 7: PROFESSIONAL - ENGINEERING
Cluster 8: Social Sciences - BEHAVIOURAL and FORMAL
Cluster 9: PERFORMING ARTS

Central Placement Cell
Present scenario: Non-credit course

• Final Year Students (~ 4500) in all Campus Courses advised to take the non-Credit Course

• Conducted by Central Placement Cell/ Skill Development Centre in association with Industry.

• Sessions are on Personality Development, Business English, Quantitative Aptitude, Logical Reasoning, etc.

• Grade awarded to be included in the Semester Mark sheet, and a separate Certificate to be issued by the Panjab University.
India Seeking Entrepreneurs: Panjab University Initiative Technology Start-ups

- Edurev
- Pocket news
- Localmirchi.com
- Accombliss Professionals
- Price grapple.com
WHAT WE ENVISAGE TO OFFER & DO IN FUTURE

Learning, Development & Growth: Center of Excellence for Skill Building

Access to 250000+ Students 180+ Colleges
Skill Training to 250+ Industry in the region

Infrastructure Available:
• Computer Labs
• High Power Computer Centre (HPCC)
• Instrumentation Testing Lab
• 3 Mechanical Labs
• Electronics workshops
• Pharmaceutical Analysis equipment
• Food Technology Labs
• Polymer lab
• Petroleum Lab
• Environmental Lab
• Glass Blowing Lab
• Smart Classrooms

Curricula to be developed based on Industry requirements to reduce Skill Gap and provide Certification option to those desirous of taking a break (a la Community Colleges).

Build a New Campus for Industry Linkages on behalf of CRIKC & in close synergy with Chandigarh UT Administration
Thank You!