PEER TEAM REPORT
ON

Institutional Accreditation of
DAV INSTITUTE OF ENGINEERING & TECHNOLOGY
Kabir nagar, Jalandhar - 144008
Punjab
(Cycle - 1)

September 18th – 20th, 2017

National Assessment and Accreditation Council
P.O. Box. No. – 1075, Nagarbhavi,
Bangalore- 560 072, INDIA

DAV Institute of Engineering and Technology, Jalandhar
# Peer Team Report on

Institutional Accreditation of D.A.V Institute of Engineering & Technology
Kabir Nagar, Jalandhar – 144008
Punjab

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| **1.1 Name & Address of the Institution:** | DAV Institute of Engineering & Technology  
Kabir Nagar, Jalandhar -144008  
Punjab |
| **1.2 Year of Establishment:** | 2000 |
| **1.3 Current Academic Activities at The Institution (Numbers):** |  |
| • Faculties/Schools: | 03 |
| • Departments/Centers | 09 i) Engineering – 06 ii) MBA -1  
iii) MCA -1 |
| | Applied Sciences – 1 |
| • Programmes/Courses offered: | UG – 06; PG – 05; |
| • Faculty Members: | Permanent - 82; Temporary - 20 |
| • Support Staff: | (Non-teaching) - 77 |
| • Students: | 1894  
UG – 1690 (M-1315; F-375); PG – 204 (M-71; F – 133) |
| **1.4 Three major features in the institutional Context (As perceived by the Peer Team):** |  |
| • Institution Part of the DAV Education Group.  
• Conducive teaching and learning ambience.  
• Coeducation Institution affiliated to IK-PTU. |
| **1.5 Dates of visit of the Peer Team**  
(A detailed visit schedule may be included as Annexure): | September 18th – 20th, 2017 |
| **1.6 Composition of the Peer Team**  
which undertook the on-site visit: |  |
| Chairperson | Prof H P Khincha |
| Member Coordinator | Prof A Kumar |
| Member | Prof G Sanyal |
| NAAC Officer: | Dr. B S Ponmudiraj,  
Deputy Advisor, NAAC, Bangalore |
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<th>Section II: CRITERION WISE ANALYSIS</th>
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<td>2.1 Curricular Aspects:</td>
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| 2.1.1 Curricular Planning and implementations | - College follows syllabus and also meets the standards of affiliating University, IKG-PTU.  
- Faculties are BoS members of University.  
- Limited scope of changing the Curricula as Part of the affiliating University.  
- Detailed Academic calendar in place and implemented. |
| 2.1.2 Academic Flexibility:          | - College initiated some courses within the range of Elective options.  
- Seminars/Lectures arranged.  
- Academic planning adds to better delivery of courses. |
| 2.1.3 Curriculum Enrichment:         | - Skill development and value added courses in place.  
- Peer to peer learning with project based studies and few PG programmes in place.  
- Industry week arranged to enrich academics. |
| 2.1.4 Feedback System:               | - Feedback mechanism initiated and communicated to University.  
- Academic audit in place.  
- Parents, Alumni and employers provide feedback. |
| 2.2 Teaching-Learning & Evaluation:  |              |
| 2.2.1 Student Enrolment and Profile: | - Admission process for UG done through JEE mains result.  
- Moderate Demand ratio.  
- Reservations in all categories followed as per State Govt. norms.  
- Declining enrolment in line with National trend. |
| 2.2.2 Catering to Student Diversity: | - Mechanism for differently abled students and slow learners in place.  
- Fee Concession initiated for Students sponsored by different organizations and institution.  
- Some Government scholarship also awarded to students.  
- Learning style Index of students assessed. |
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| 2.2.3 Teaching-Learning Process: | - Strict adherence of University Academic calendar.  
- Comprehensive lecture plan, assignments and project evaluation initiated.  
- MOOC, QEEE and NPTEL Lecture materials along with other online course materials are available.  
- ICT enabled teaching reinforced with conventional teaching methods in place.  
- Lecture delivery, assessment and evaluation based on Bloom’s Taxonomy. |
| 2.2.4 Teacher Quality: | - 24 PhDs, 4 M.Phils and 74 faculty members are PG qualified.  
- Faculty Recruitment policy been formalized  
- FDP programmes in place.  
- Faculty encouraged to participate in extension and QIP programmes |
| 2.2.5 Evaluation Process and Reforms: | - Follows semester pattern as per University norms.  
- Internal evaluation system transparent and efficient.  
- Grievance Redressal Mechanism in place. |
| 2.2.6 Student Performance and Learning Outcomes: | - Academic results moderate in some discipline.  
- Course outcome analyzed through test, seminars, assignments etc.  
- Good performance in co-curricular activities.  
- PEO’s, PSO’s, PO’s and COs well defined |
| 2.3 Research, Consultancy & Extension: | |
| 2.3.1 Promotion of Research: | - Research committee initiated.  
- Faculty members encouraged to attend seminar /workshop /Conferences etc  
- Some faculty members registered for PhD  
- Seed Money Grant to faculty just initiated. |
| 2.3.2 Resource Mobilization for Research: | - College receives grant from the Trust.  
- Research funding from Govt. agencies needs attentions.  
- Industry funding for research to be initiated.  
- Needs augmentation and strengthening of research facilities |
| 2.3.2 Research Facilities: | - Library equipped with books and Journals and other resources.  
- Sufficient number of e-resources available.  
- Software resources and databases needs Up gradation. |
| 2.3.4 Research Publications and Awards: | • Publications by faculty members are in place.  
• Some Faculty members of some department are recognized guides of affiliating University.  
• Faculties have authored a few books.  
• Quality and quantity of publications need up scaling.  
• Faculty awards and rewards minimal. |
| 2.2.5 Consultancy: | • Consultancy policy in place.  
• Consultancy activities need attention.  
• A few patients received and filed. |
| 2.3.6 Extension Activities and Institutional Social Responsibility: | • Extension and outreach programmes are conducted in nearby places.  
• Active NSS unit carries social activities of different types.  
• Budget allocated for this type of activities.  
• A nearby village adopted for IT upliftment for underprivileged.  
• Different active student activity clubs exist. |
| 2.3.7 Collaboration | • Some collaboration with Industry and Academia in place.  
• Industry internship for students encouraged.  
• A few Industry collaborative lab facilities in place. |
| 2.4 Infrastructure and Learning Resources: |  |
| 2.4.1 Physical Facilities: | • Good campus planning, academic and infrastructures facility.  
• Sufficient number of class rooms, seminar hall, lab facilities and Auditorium in place.  
• Hostels and sports facilities are maintained to an appreciable standard. |
| 2.4.2 Library as a Learning Resource: | • Library Advisory Committee in place.  
• Sufficient seating capacity in library.  
• Library well stacked with physical and e-resources.  
• Library automation in place. |
| 2.4.3 IT Infrastructure | • Student Computer ratio adequate.  
• Adequate computing facilities for IT related services.  
• Wi-Fi enabled campus.  
• ICT facilities in classrooms need strengthening. |
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| 2.4.4 Maintenance of Campus Facilities | - Well maintained Clean and Green Campus.  
- Budget provision for repair and maintenance.  
- AMC for critical equipment available |
| 2.5 Student Support and Progression | |
| 2.5.1 Student Mentoring and Support | - Mentoring system through faculty members in place.  
- Free ships sponsored by different organization and faculty members.  
- Management supports needy students.  
- Registered Alumni Association exist |
| 2.5.2 Student Progression | - Moderate progression from UG to PG.  
- Active Training and placement cell.  
- Dropout rate negligible.  
- Student Internship in place. |
| 2.5.3 Student Participation and Activities | - Number of students participates in sports, cultural and other activities.  
- Some students received awards at University and Zonal levels.  
- College organizes Youth festivals and other events. |
| 2.6 Governance, Leadership and Management | |
| 2.6.1 Institutional Vision and Leadership | - Vision and Mission statements well defined in line with present need of society.  
- Culture of participative management introduced.  
- Dynamic leadership by the Principal.  
- Cooperative and encouraging management. |
| 2.6.2 Strategy Development and Deployment | - 360 degree campus development initiated.  
- ERP system introduced recently.  
- Financial requirement matching with development plan to be done. |
| 2.6.3 Faculty Empowerment Strategies | - Financial assistance for faculty to attend conferences /seminars /Workshops.  
- Some Welfare schemes for faculty initiated. |
| 2.6.4 Financial Management and Resource Mobilization | - Fee is the primary financial resource  
- Funding is done by the trust as required.  
- Account is audited annually by external auditor.  
- Computerized finance and accounting system.  
- External funding mobilization needs strengthening. |
| 2.6.5 Internal Quality Assurance System | - IQAC initiated  
- Academic audit of departments initiated.  
- Institute is ISO certified. |
### 2.7 Innovations and Best Practices:

#### 2.7.1 Environment Consciousness:
- Different initiatives taken for eco-friendly campus.
- Environment audit initiated.
- Water harvesting & treatment available.

#### 2.7.2 Innovations:
- Entrepreneurship culture initiated.
- Various student clubs initiating value based and cultural activities.

#### 2.7.3 Best Practices:
- Ragging-free, no harassment and safe campus.
- Good stakeholder relationships.

### Section III: OVERALL ANALYSIS

**Observations** (Please limit to five major ones for each and use telegraphic language) (It is not necessary to denote all the five bullets for each)

#### 3.1 Institutional Strengths:
- Good leadership with dedicated faculty & staff
- Clarity of Vision and Mission in line with present scenario.
- Good infrastructure for teaching and research.
- Good stake holder relationship.
- High retention rate of faculty and staff.

#### 3.2 Institutional Weaknesses:
- Limited consultancy activities.
- Moderate demand ratio in some discipline.
- Limited research activities.
- Funding restricted with fee collection and management support only.
- Poor faculty cadre ratio and lack of senior faculty.

#### 3.3 Institutional Opportunities:
- Scope for introducing more short term vocational and skill based courses.
- Resource generation through sponsored projects from funding agency.
- Taking advantage as one of the geographic locations.
- Huge strong Alumina presence all over.
- Partake in regional development activities.

#### 3.4 Institutional Challenges:
- Preparing the students to meet global competition.
- Utilization and generation of resources for research across disciplines.
- Empowerment of students in growing Industrial environment.
- Keep pace with technological change and obsolescence.
- Cope with challenges of growth and competition.
Section IV: Recommendations for Quality Enhancement of the Institution

- More faculties in senior level need to be recruited.
- Encouragement of faculty members to undertake research projects, consultancy activities.
- To initiate more collaborations with industries, academic institutions and organizations.
- Encourage faculty members for publication of quality papers and increase networking.
- Skill based job oriented courses need be to be strengthened.
- More Industry interaction initiatives at different levels to be initiated.
- Encourage Incubation and entrepreneurship activities amongst students and faculty.
- Modernize the laboratory and computing facilities.
- Placement and training activities to be further strengthened.
- More Industry internship to be provided to students.
- Feedback system to be integrated with IQAC activities.
- ERP system to be further strengthened.

I agree with the Observations of the Peer Team as mentioned in this report.

Signature of the Head of the Institution

Signatures of the Peer Team Members:

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Place: Jalandhar
Date: 18th – 20th Sept., 2017

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