

PEER TEAM REPORT

ON

Institutional Accreditation of

DAV ISNTITUTE 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

PEER TEAM REPORT ON

Institutional Accreditation of D.A.V INSTITUTE OF ENGINEERING & TECHNOLOGY

Kabir Nagar Jalandhar – 144008

Punjab

| | Information |
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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): | <ul style="list-style-type: none"> • 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 18 th – 20 th ,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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| Section II: CRITERION WISE ANALYSIS | Observations |
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| 2.1 Curricular Aspects: | |
| 2.1.1 Curricular Planning and implementations | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 24 PhDs, 4 M.Phills 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • Library equipped with books and Journals and other resources. • Sufficient number of e-recourses available. • Software resources and databases needs Up gradation. |

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| <p>2.3.4 Research Publications and Awards:</p> | <ul style="list-style-type: none"> • 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. |
| <p>2.3.5 Consultancy:</p> | <ul style="list-style-type: none"> • Consultancy policy in place. • Consultancy activities need attention. • A few patients received and filed. |
| <p>2.3.6 Extension Activities and Institutional Social Responsibility:</p> | <ul style="list-style-type: none"> • 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. |
| <p>2.3.7 Collaboration</p> | <ul style="list-style-type: none"> • Some collaboration with Industry and Academia in place. • Industry internship for students encouraged. • A few Industry collaborative lab facilities in place. |
| <p>2.4 Infrastructure and Learning Resources:</p> | |
| <p>2.4.1 Physical Facilities:</p> | <ul style="list-style-type: none"> • 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. |
| <p>2.4.2 Library as a Learning Resource:</p> | <ul style="list-style-type: none"> • Library Advisory Committee in place. • Sufficient seating capacity in library. • Library well stacked with physical and e-resources. • Library automation in place. |
| <p>2.4.3 IT Infrastructure</p> | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 360 degree campus development initiated. • ERP system introduced recently. • Financial requirement matching with development plan to be done. |
| 2.6.3 Faculty Empowerment Strategies: | <ul style="list-style-type: none"> • Financial assistance for faculty to attend conferences /seminars /Workshops. • Some Welfare schemes for faculty initiated. |
| 2.6.4 Financial Management and Resource Mobilization: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • IQAC initiated • Academic audit of departments initiated. • Institute is ISO certified. |

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| 2.7 Innovations and Best Practices: | |
| 2.7.1 Environment Consciousness: | <ul style="list-style-type: none"> • Different initiatives taken for eco-friendly campus. • Environment audit initiated. • Water harvesting & treatment available. |
| 2.7.2 Innovations: | <ul style="list-style-type: none"> • Entrepreneurship culture initiated. • Various student clubs initiating value based and cultural activities. |
| 2.7.3 Best Practices: | <ul style="list-style-type: none"> • Ragging-free, no harassment and safe campus. • Good stakeholder relationships. |
| Section III: OVERALL ANALYSIS | <p>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)</p> |
| 3.1 Institutional Strengths: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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: | <ul style="list-style-type: none"> • 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. |

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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 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.



Seal of the Institution

Principal
D.A.V. Institute of Engineering & Technology
Kabir Nagar, Jalandhar-144008

Signature of the Head of the Institution

Signatures of the Peer Team Members:

| Name | Designation | Signature with date |
|--------------------|--------------------|----------------------|
| Prof H P Khincha | Chairperson | HP Khincha 20/9/2017 |
| Prof A Kumar | Member Coordinator | A Kumar 20/9/17 |
| Prof G Sanyal | Member | G Sanyal 20/9/17 |
| Dr. B S Ponmudiraj | NAAC Officer | |

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

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