

CHECK LIST No.-3

DETAIL NOTE ON THE PROJECT

A piece of land of the extant of 01-65-03 Hectare for building and 0-21-83 Hectare for Road is required for the construction of building and road of Govt. Polytechnic Dalash Tehsil Ani Distt. Kullu -H.P. No other suitable land for the establishment of above project is available. Therefore, it has been proposed to divert 1-65-03 Hectare for building and 0-21-83 Hectare for Road.

As a part of national policy, the State Government of Himachal Pradesh is giving impetus to the progress of Technical Education. As the technically trained youths are required in the industries in plenty and these requirements can only be met by way of establishing new technical institutions in state. Technical Education and Vocational Training can solve the problem of unemployment in our state. A technically trained person can be a good entrepreneur and can provide job to himself and other people by starting his own units/concerns. Government is encouraging such entrepreneurs by providing them with loans on very easy terms and low rates of interests. The opening of Govt. Polytechnic Dalash, Tehsil Ani Distt. Kullu is one of the step of the State Government to meet the requirement of the industries as well as unemployment of the state. *It is pertinent to mention here that on establishment of Government Polytechnic Dalash, people of 14 Panchayats(145 villages) of surrounding are and about 20000 directly/indirectly will be benefited.*

Date: 20-07-2021

Place Dalash

Nodal Officer

(SONAM BODH)
Govt Polytechnic College
Dalash Tehsil Ani Distt.
Kullu-H.P.

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GOVT Polytechnic Dalash
Distt. Kullu (H.P.)

Draft Project Proposal

For

*Govt. Polytechnic at
Dalash, Distt. Kullu,
H.P.*

Prepared & Submitted By:-

*Directorate of Technical Education,
Vocational & Industrial Training,
Himachal Pradesh, Sundernagar*

*LOCAL OFFICER
GOVT. Polytechnic Dalash,
Distt. Kullu (H.P.)*

1. **Name of the Polytechnic:** The name of the Polytechnic is "Govt. polytechnic at Dalash, Distt. Kullu, H.P.
2. **The Site:-** The land is being identified.
3. **The Land:-** More than 20 Bigha Govt. land is required.
4. **Types of Programme to be offered:-** 3 years Diploma Programme in Engineering & Technology and two year diploma in Pharmacy.
5. **Identified Diploma Programme with Phase wise Introduction & Intake:-**

Programme	Year of Starting	Intake
1. Civil Engineering	2020-21	60
2. Computer Engineering	2020-21	60
3. Electrical Engineering	2020-21	60
4. Mechanical Engineering	2020-21	60
5. Diploma Pharmacy	2020-21	60

6. **Affiliating Body:-** Affiliating body will be H.P.Takniki Shiksha Board Dharamsala and all courses will be approved by All India Council for Technical Education, New Delhi & Pharmacy Council of India.

Note: *Reservation of seats for SC/ST/OBC etc. candidates shall be in accordance with instructions issued by the State Government from time to time. 85% seats shall be reserved for bonafide Himachali students and 15% shall be All India Quota.*

7. **Objectives and Scope of the Proposed Institution**

Objectives of the Institution:-

- To develop the institution as center of excellence, which will achieve its own set target for excellence and sustain the same with the autonomy and accountability.
- The institution shall be dynamic, demand driven, quality conscious, efficient and forward looking, responsive to rapid economic and technological development occurring at State, National and International Level.

Training Branch


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- To establish & promote Industry Institute Interaction for sharing of resources for mutual benefit and better placement of students.

8. **Building and other Facilities in the Campus:** The Institute will have the following main Buildings and Facilities:-

- 1) College Building: Includes Administration Block, Academic Block, Laboratory Block, Workshop, Library and other auxiliary buildings.
- 2) Hostel Building
- 3) Residential Building
- 4) Auditorium-cum-Multi Purpose Hall
- 5) Play Ground

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9. Phase Wise Requirement of faculty, infrastructure & machinery & equipments

9.1 Civil Engineering Department:-
Faculty Requirement & Phase wise Recruitment:-

Category	Designation	1 st Year	2 nd Year	3 rd Year
Faculty	Head of the Deptt.	1	-	-
	Sr. Lecturer	-	1	-
	Lecturers	2	1	1
TOTAL:-				
Technical Supporting staff	Lab. Technician	3	2	1
	Lab. Attendant	1	1	1
	TOTAL:-	2	2	2

Requirement of Laboratories, Space and Equipment(cost):-

Name of Lab.	Space requirement In Sq. Mtrs.	Phase Wise-Cost of Equipments/Machinery/Labs.			
		1 st Year	2 nd Year	3 rd Year	Total Rs. in Lacs
Hydraulic Lab.	90	8	8	04	20
Construction Material	90	4	4	02	10
Concrete Technology	75	5	5	04	14
Survey	75	6	6	08	20
Water Supply	75	8	8	04	20
Building Construction	60	6	6	04	16
Soil & Transportation Engg.	75	8	4	04	16
Total	540	45	41	30	116

Requirement of other Space like Class Rooms, Faculty Room, Departmental Office:-

Name of Room	No's of Room	Space requirement/ room in Sq.mtr.	Phase Wise Requirement		
			1 st Year	2 nd Year	3 rd Year
Class Room	3*70	210	1	1	1
HOD's Room	1*15	15	1	0	0
Faculty Rooms	5*10	50	2	2	1

Training branch

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9.2 Computer Engineering

Category	Designation	1 st Year	2 nd Year	3 rd Year
Faculty	Head of the Deptt.	1	-	-
	Sr. Lecturer	-	1	-
	Lecturers	2	1	2
TOTAL:-		3	2	2
Technical Supporting staff	Computer Assistant	1	0	1
	Lab. Attendant	1	1	1
	TOTAL:-	2	1	2

Requirement of Laboratories, Space and Equipment(cost):-

Name of Lab.	Space requirement in Sq. Mtr.	Phase Wise-Cost of Equipments/Machinery/Labs.			
		1 st Year	2 nd Year	3 rd Year	Total in Lacs
Multimedia Lab.	75	5	7	3	15
Hardware Lab.	75	6	5	4	15
Advance Computer and Programming Lab.	100	6	5	4	15
Networking Lab.	75	0	6	4	10
Computer Centre	100	12	12	6	30
Total	425	29	35	21	85

Requirement of other Space like Class Rooms, Faculty Room, Departmental Office:-

Name of Room	No. of Rooms	Space requirement /room in Sq.mtr.	Phase Wise Requirement		
			1 st Year	2 nd Year	3 rd Year
Class Room	3*70	210	1	1	1
HOD's Room	1*15	15	1	0	0
Faculty Rooms	5*10	50	2	2	1

Training branch

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9.3

**Electrical Engineering Department:-
Faculty Requirement & Phase wise Recruitment:-**

Category	Designation	1 st Year	2 nd Year	3 rd Year
Faculty	Head of the Deptt.	1	-	-
	Sr. Lecturer	-	1	-
	Lecturers	2	1	1
TOTAL:-				
Technical Supporting staff	Lab. Technician	1	1	1
	Lab. Attendant	1	1	1
	TOTAL:-	2	2	2

Requirement of Laboratories, Space and Equipment(cost):-

Name of Lab.	Space requirement in Sq. Mtrs.	Phase Wise-Cost (in Lacs).			Total
		1 st Year	2 nd Year	3 rd Year	
Electrical Machine Lab.	100	8	8	6	22
Electrical Instrumentation Lab	75	4	6	6	16
Basic Electrical Lab.	75	10	4	2	16
Drives & Power Electronics Lab.	75	4	6	6	16
Electrical Workshop	100	8	5	5	18
Power System Production	75	8	6	6	20
Total	500	42	35	31	108

Requirement of other Space like Class Rooms, Faculty Room, Departmental Office:-

Name of Room	No's of Room	Space requirement/ room in Sq.mtr.	Phase Wise Requirement		
			1 st Year	2 nd Year	3 rd Year
Class Room	3*70	210	1	1	1
HOD's Room	1*15	15	1	0	0
Faculty Rooms	5*10	50	2	2	1

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Mechanical Engineering Department:-**Faculty Requirement & Phase wise Recruitment:-**

Category	Designation	1 st Year	2 nd Year	3 rd Year
Faculty	Head of the Deptt.	1	-	-
	Sr. Lecturer	-	1	-
	Lecturers	2	1	1
	TOTAL:-	3	2	1
Technical Supporting staff	Lab. Technician	1	1	1
	Lab. Attendant	1	1	1
	TOTAL:-	2	2	2

Requirement of Laboratories, Space and Equipment(cost):-

Name of Lab.	Space requirement in Sq. Mtr.	Phase Wise-Cost (in Lacs)			Total in Lacs
		1 st Year	2 nd Year	3 rd Year	
Material Science & Measurement Lab.	75	8	6	4	18
Heat Transfer & Fluid Mechanics	90	8	6	8	22
Refrigeration & Conditioning	90	8	8	4	20
Applied Thermodynamics	75	10	10	4	24
Manufacturing Practice	75	06	06	4	16
Applied Mechanics	75	6	6	4	16
Total	480	46	42	28	116

Requirement of other Space like Class Rooms, Faculty Room, Departmental Office:-

Name of Room	No. of Rooms	Space requirement /room, in Sq.mtr.	Phase Wise Requirement		
			1 st Year	2 nd Year	3 rd Year
Class Room	3*70	210	1	1	1
HOD's Room	1*15	15	0	1	0
Faculty Rooms	5*10	60	2	2	1
Workshop Supdt.	1*10	10	1	0	0

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9.5 D.Pharmacy

Faculty Requirement & Phase wise Recruitment:-

Category	Designation	1 st Year	2 nd Year
Faculty	Head of the Deptt.	1	-
	Sr. Lecturer	-	1
	Lecturers	2	1
TOTAL:-			
Technical Supporting staff	Lab. Technician	1	1
	Lab. Attendant	1	1
	TOTAL:-	2	2

Requirement of Laboratories, Space and Equipment(cost):-

Name of Lab.	Space requirement in Sq. Mtr.	Phase Wise-Cost of (in Lacs) Equipments/Machinery/Labs.		
		1 st Year	2 nd Year	3 rd Year
Pharmaceutics Laboratory	90	8	6	6
Pharmaceutical Chemistry Laboratory	90	10	8	7
Physiology Pharmacology Laboratory	90	8	8	4
Bio Chemistry & Clinical Pathology Laboratory	90	10	10	5
Pharmacognosy Laboratory	75	8	6	6
Hospital & Clinical Pharmacy Museum	50	7	6	3
Total	560	59	50	37

Requirement of other Space like Class Rooms, Faculty Room, Departmental Office:-

Name of Room	No. of Rooms	Space requirement /room Sq.mtr.	Phase Wise Requirement	
			1 st Year	2 nd Year
Class Room	2*70	140	1	1
HOD's Room	1*15	15	0	1
Faculty Rooms	4*10	40	2	2

Training branch

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9.6 Humanities & Basic Science Department:-

Faculty Requirement & Phase wise Recruitment:-

Category	Designation	1 st Year	2 nd Year	3 rd Year
Faculty	Head of the Deptt.	1	0	-
	Sr. Lecturer	0	1	-
	Lecturers Applied Science	4	-	-
TOTAL:-		5	1	-
Technical Lab. Supporting staff	Technician Lab. Attendant	1	1	-
TOTAL:-		2	2	-

Requirement of Laboratories, Space and Equipment(cost in Lacs):-

Name of Lab.	Space requirement in Sq. Mtr.	Phase Wise-Cost of Equipments/Machinery/Labs.		
		1 st Year	2 nd Year	3 rd Year
Physics Lab.	100	8	2	2
Chemistry Lab.	100	6	4	0
Language Lab	75	4	4	2
Total	275	18	10	4

Requirement of other Space like Class Rooms, Faculty Room, Departmental Office:-

Name of Room	No's of Room	Space requirement/ room in Sq.mtr.	Phase Wise Requirement		
			1 st Year	2 nd Year	3 rd Year
HOD's Room	1*15	15	1	0	0
Faculty Rooms	5*10	50	4	1	0

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9.6 Central Academic Facilities(Central Library & Industry Institute Interaction Physical Education, NCC)

Name of Room	No's of Room	Space requirement /room in Sq.mtr.	Phase Wise- requirement of Furniture & Equipment		
			1 st Year	2 nd Year	3 rd Year
Principal Office	1*50	50	50	0	0
Main Office	1*150	150	150	0	0
TPO Room	1*30	30	0	1	0

Faculty Requirement & Phase wise Recruitment :-

Category	Designation	1 st Year	2 nd Year	3 rd Year
Technical Supporting Staff	Workshop Supdt.	1	-	-
	Foreman Instt.	1	-	-
	Workshop Instt.	6	1	1
	Asstt. Librarian	1	-	-
	PTI	-	1	-
	Workshop Attendant	3	2	1
	Hostel Supdt.	-	1	1
	Library Attendant	1	-	-
TOTAL:-		13	5	3

Requirement of Laboratories, Space and Equipment(cost):-

Name of Lab.	Space requirement in Sq. Mtr.	Phase Wise-Cost of Equipments/Machinery/Labs.		
		1 st Year	2 nd Year	3 rd Year
Library	300	08	08	04
Workshop	800	30	15	15
				20 Lacs
				60 Lacs

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**Requirement of other Space like Class Rooms, Faculty Room,
Departmental Office:-**

Name of Room	No. of Rooms	Space requirement/room in Sq.mtr.	Phase Wise Requirement		
			1st Year	2nd Year	3rd Year
Seminar/Conference Hall	1	132	-	-	1
Auditorium	1	400	-	-	1
NCC Room	1	50	-	1	-
Canteen	1	150	1	-	-
Bank	1	50	-	1	-
Dispensary	1	20	1	-	-
Drawing Hall	2	150	1	1	-
Girls Common Room	1	100	1	-	-
Boys Common Room	1	100	1	-	-


 DISTRICT OFFICER
 GOVT. Polytechnic Dalash
 Distt. Kullu (H.P.)

1. **Permanent and Contract Services for teaching, Non-teaching and other supporting Staff:-** Recruitment of faculty/staff shall be as per the policy of State Govt.

2. **Overall Teaching and Non-Teaching Staff Faculty Requirement:-**

Designation	1st Year	2nd Year	3rd Year	Total
Principal	1	-	-	1
Head of the Deptt.	6	-	-	6
Sr. Lecturer Engg/ Applied Science	-	6	-	6
Workshop Supdt.	1	-	-	1
Lecturer	10	5	5	20
Lecturer Applied Sc.	4	-	-	4

Note:- The above faculties are essential for general instruction, preparation assessment and evaluation of the students whereas Heads of the Department is involved in administration, research, guidance and counseling and developmental activities.

Lab. Technicians are responsible to the faculty members in charge of the laboratory in all matters connected with running, maintenance and upkeep of the laboratories.

Overall Non-teaching staff Requirement

Designation	1st Year	2nd Year	3rd Year	Total
Supdt. Grade -II	1	0	0	1
Sr. Assistant	2	0	0	2
Foreman Instt.	1	0	0	1
Computer Assistant	1	0	1	2
Workshop Instt.	6	1	1	8
PTI	0	1	0	1
Jr. Scale Stenographer	1	0	0	1
Asstt. Librarian	1	0	0	1
Hostel Supdt.	0	1	1	2
Driver	1	0	0	1
Clerk	3	0	0	3

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Junior Office Assistant (IT)	2	0	0	2
Lab. Technician/Lab Assistant	5	5	3	13
Workshop Attendant	3	2	1	6
Lab. Attendant	6	6	4	16
Library Attendant	1	0	0	1
Store Attendant	1	0	0	1
Office Peon	2	1	1	4
Sweeper(Out Sourced)	2	1	1	4
Watchman/Chowkidar (Outsourced)	2	2	2	6
Gardner(Outsourced)	0	1	0	1
Total	41	21	15	77


 ADDITIONAL OFFICER
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 Distt. Kullu (H.P.)

10. Recurring Expenditure of Staff Salary for introduction of Five trades in Govt. Polytechnic at Dalash, Distt. Kullu, H.P.

Amount in lacs.

Category of Staff	Designation / Level	Pay Scale+Grade Pay	No's of Post	Gross Annual emolument Rs in Lacs..	Project Years						Mode of Appointment
					1 st Year		2 nd Year		3 rd Year		
					Post	Expenditure	Post	Expenditure	Post	Expenditure	
Teaching / Non-Teaching / outsourced staff	Principal	37400-67000+8700	1	14.05	1	14.05	0	14.05	0	14.05	By Promotion
	Head of the Deptt.	15600-39100+7800	6	7.13	6	42.78	0	42.78	0	42.78	-do-
	Sr. Lecturer Engg./ Applied Science	15600-39100+6600	6	6.76	0	0	6	40.56	0	40.56	-do-
	Lecturers Engg.	15600-39100-5400	20	6.40	10	64.0	05	96.00	5	128.00	By Recruitment
	Workshop Supdt	15600-39100-5400	1	6.40	1	6.40	0	6.40	0	6.40	
	Lect. Applied Science	15600-39100-5400	4	6.40	4	25.60	0	25.60	0	25.60	
	Supdt. Grade -II	10300-34800+4800	1	4.60	1	4.60	0	4.60	0	4.60	
	Sr. Asstt.	10300-34800+4400	2	4.48	2	8.96	0	8.96	0	8.96	
	Foreman Instructor	10300-34800+4600	1	4.54	1	4.54	0	4.54	0	4.54	
	Computer Assistant	10300-34800+3800	2	4.29	1	4.29	0	0	1	8.59	
	Workshop Instt.	10300-34800+3600	8	4.23	6	25.38	1	29.61	1	33.84	
	PTI	10300-34800+3200	1	4.11	0	0	1	4.11	0	0	
	Jr. Scale Stenographer	10300-34800+3200	1	4.11	1	4.11	0	0	0	0	
	Asstt. Librarian	5910-20200+2400	1	2.53	1	2.53	0	0	0	0	
	Hostel Superintendent	10300-34800+3200	2	4.11	0	0	1	4.11	1	8.22	

Training Branch

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Driver	5910-20200+2000	1	2.41	1	2.41	0	2.41	0	2.41	Direct Recruitment /Promotion
Clerk	5910-20200+1900	3	2.38	3	7.14	0	7.14	0	7.14	
Junior office Assistant (IT)	5910-20200+1950	2	2.39	2	4.78	0	4.78	0	4.78	
Lab. Technician/Assistant	5910-20200+1900	13	2.38	5	11.3	5	23.8	3	30.94	
Workshop Attendant	4900-10680+1300	6	1.88	3	5.66	2	9.4	1	1.28	
Lab. Attendant	4900-10680+1300	16	1.88	6	11.28	6	22.56	4	30.08	
Library Attendant	4900-10680+1300	1	1.88	1	1.88	0	1.88	0	1.88	
Store Attendant	4900-10680+1300	1	1.88	1	1.88	0	1.88	0	1.88	
Office Peon	4900-10680+1300	4	1.88	2	3.76	1	5.64	1	7.52	
Sweeper	Outsourced(@.60,000 per annum)	4	0.60	2	1.20	1	1.80	1	2.40	Outsourced
Watchman/Chowkidar	Outsourced (@.60,000 per annum)	6	0.60	2	1.20	2	2.40	2	3.60	-do-
Gardner	Outsourced(@.60,000 per annum)	1	0.60	0	0	1	0.60	0	0.60	-do-
Total Expenditure in Lacs.		115		63	259.73	32	365.61	20	420.65	


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