

CIRCULAR
FIELD PROJECTS

Year & Sem: **II B.Tech.**

Time: **2 Hrs per week**

Credits: **4**

In lieu of life skills, II-year students are expected to enrol for field projects during odd or even semester of second year. These projects are intended to emphasize learning through direct experience, allowing students to apply theoretical knowledge in real-world contexts. This hands-on approach provides students with meaningful learning experiences that not only deepen their understanding of academic concepts but also cultivate essential skills and attitudes needed for success in their future careers and as responsible members of society.

- The minimum duration of field project during the semester is 30 hours including writing of project report and submission for assessment.
- A batch of 4 students can take part in each project.
- Weightage: 1-credit
- Performance will also be assessed in the modular framework for formative and semester-end summative.

Schedule and parameters to be followed for formative assessment:

Module	Schedule	Review	Points to be considered	Formative assessment marks
Module -1	7 th – 8 th week	Review -1	<ul style="list-style-type: none">• Identification of objectives & outcomes.• Identification of tools / equipment / surveys / training needs / etc.• Completion of literature survey• Completion of about 25% experimentation	30
Module -2	15 th – 16 th week	Review -2	<ul style="list-style-type: none">• Presentation of results, analyses and conclusions• Meeting of objectives defined in first review• Preparation of report• Understanding by individual students on the overall project	30

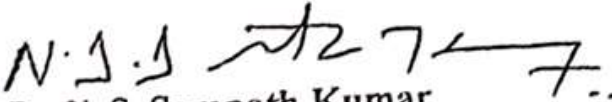
Summative Assessment:


Summative assessment will be done jointly by two examiners (both from VFSTR) wherein one as internal examiner and the other as external examiner. These examiners will be appointed by Dean-AAA from the panel of examiners suggested by the respective Head of the Department. Summative assessment will be carried out for 40 marks wherein 20 marks will be

awarded for Project Report and 20 marks for Presentation. Points to be considered during the presentation:

- a) Presentation of results, analyses and conclusions
- b) Meeting of objectives defined in the beginning of the project
- c) Understanding by individual students on the overall project
- d) Individual student contribution









Head of the departments are requested to appoint one coordinator (overall / section-wise) to create awareness among the faculty members and students on the pattern of Field projects and monitor the whole activity.







Dr. N. S. Sampath Kumar
Joint Dean - AAA


Dr. P. M. V. Rao
Dean - AAA

Field Project Details

VSTR :: VADLAMUDI
 Department of Biomedical Engineering
 2024-2025 II YEAR - A SECTION

Sl.No	Batch No	Reg.No	Name of the Student	Title of the Project	Guide	Signature of the Guide
1	Batch 1	231FA16018	RIYA JAIN	IR proximity Sensor	Ms. Meenal Hebbal	
2		231FA16015	ARUMALLA JYOTHIRMAI			
3		231FA16005	PANCHUMARTHI DEVI SRI			
4		231FA16050	YANDURI LAKSHMI KESAVA RUPESH			
5	Batch 2	231FA16008	TAMMU SUMANVITHA	Laser Security alaram system	Ms. Hima Harshan	
6		231FA16033	CHUNDI SAI SASHANK			
7		231FA16028	MADDIRALA LYDIA MARLIN SARAH			
8		231FA16048	AMBALA JAYASRI			
9	Batch 3	231FA16031	VOORA SRIVANI	Heart rate monitoring	Dr. Amarnath Sah	
10		231FA16045	GOTTIPATI MANASWI			
11		231FA16046	JAMM MAYIJK MICHAH DENG			
12		241LA16001	NANUBALA RAMYA			
13	Batch 4	231FA16001	INTETI SAI MEGHANA CHOWDARY	Blood pressure monitoring	Ms. Meenal Hebbal	
14		231FA16030	SANKA SOWMYA			
15		231FA16044	SANA N V G SRI KAVYA			
16		241LA16002	TEJASHREE			
17	Batch 5	231FA16007	PENUMALA VARSHINI	Portable spirometer	Dr. Amit Kumar Singh	
18		231FA16025	CHANDANA			
19		231FA16029	KONDRAGUNTA KARTHIK			
20		231FA16040	SURENDRA REDDY BONTHA			
21	231FA16047	GOLI HARSHA VARDHANI				
22	Batch 6	231FA16019	ANNAPUREDDY RAJITHA	LED thermometer	Ms. Hima Harshan	
23		231FA16021	PARIMI BHAVYA DEEPIKA			
24		231FA16036	PAGADALA HIMA VYSHNAVI			
25		231FA16037	PUDUCHERI PADMA SRI			
26	Batch 7	231FA16035	KUDIPUDI OOH PRATHIMA	Ultrasonic detector for distance measurement	Dr. Amarnath Sah	
27		231FA16049	JONNADULA MOUNISH			
28		241LA16002	KOWSHIK			
29	Batch 8	231FA16011	REPALLE PUJITHA	Arudino base weather station	Dr. Amit Kumar Singh	
30		231FA16016	DANABOINA HEMA DURGA MANIKANTA			
31		231FA16026	ISAIHA FLAVIANO D SOUZA			

Sl. No	Batch No	Reg.No	Name of the Student	Title of Project	Guide	Signature of the Guide
33	Batch 9	231FA16052	MUHENYERI MARTHA	Non contact infrared temperature sensor	Ms. Meenal Hebbal	
34		231FA16013	SAI KYATHI PEDDISSETTY			
35		231FA16038	KAPULAPALLI LAKSHMI ASRITHA REDDY			
36		231FA16053	SHREYA MISHRA			
37		241LA16002	MANEESHWAR			
38	Batch 10	231FA16020	INTURI JYOTHI RAO CHOWDARY	Pulse oximeter	Dr. Amit Kumar Singh	
39		231FA16022	NUTHALAPATI MAHITHA ROY			
40		231FA16027	DEVARAPU SRI PRAJNA			
41		231FA16041	KUDULLA BHAGYA SRI			
42	Batch 11	231FA16002	AHMED MAHDI ABDELRAHMAN MAHMOUD	Automatic hand sanitizer	Dr. Amarnath Seh	
43		231FA16014	PATHAN NAZIA			
44		231FA16042	T ANANTHBALAJI			
45		231FA16054	BURHAN LATEEF			
46	Batch 12	231FA16004	MADALA TRIVENI	DIY Engine stethoscope amplifier /	Ms. Hima Harshan	
47		231FA16023	NAGUMOTHU SAILAJA			
48		231FA16034	SHAIK RESHMA			
49		231FA16051	INGELA NASEER			
50	Batch 13	231FA16009	SUNKARA DINESH KUMAR REDDY	EMG differential amplifier	Ms. Meenal Hebbal	
51		231FA16017	KOTA C V R S PAVANA JYOTHI			
52		231FA16024	PERUBOINA SAI PRIYA			
53		231FA16043	KOPPOLU LAKSHMI REVATHI			


Coordinator


HOD
HOD, BEE
VFSTR