

# **Project Topics**

# Project 1

Development of a software to pick up data from the IRINS profile,  
Google Scholar profile of a faculty member



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# Project 2

Development of a multi-lingual database



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# Project 3

Design and development of a software application for measurement of temperature dependence of resistivity and dielectric constants of materials



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# Project 4

Road geometry extraction from map data for transportation engineering applications



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# Project 5

Development of a software application to graph the solution of an  
Ordinary Differential Equation



Prof. Sarika Jalan  
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# Project 6

System for management of tasks, inventory, and funds for a faculty member at IIT Indore



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Department of Mechanical Engineering  
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# Project 7

Custom path planning for a bio-printing system



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Biomedical Engineering  
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# Project 8

Software to connect instruments for determining physical properties measurements



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# Project 9

Development of an inward-outward management system for IIT  
Indore



Dr. Ashish Upadhyay  
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# Project 10

Development of a payroll management system for IIT Indore



Mr. Roshan Bhatia  
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# Project 11

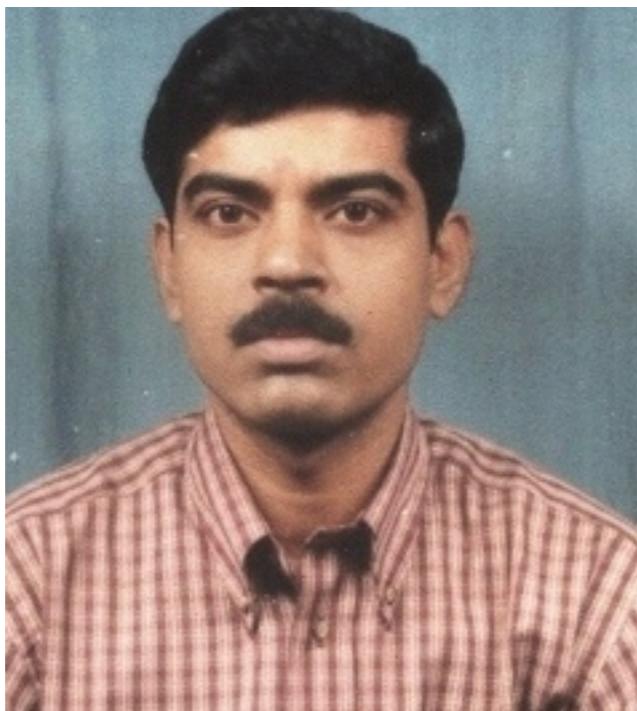
Development of a Fees' reconciliation system for IIT Indore



Mr. Rahul Geed  
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Ph. number: 097701-22969

# Project 12

Development of an inventory, asset, and logistics management system  
for the Institute



Mr. Saroj Mallick  
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# Project 13

Automation of the request making process for the SIC, IIT Indore



Mr. Kinny Pandey  
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# Project 14

Development of an inventory management system for the management of consumables in the makerspace laboratory



Dr. Anand Petare  
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# Project 15

Project for the MEMS department office



Mr. Brajesh Dwivedi  
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# Project 16

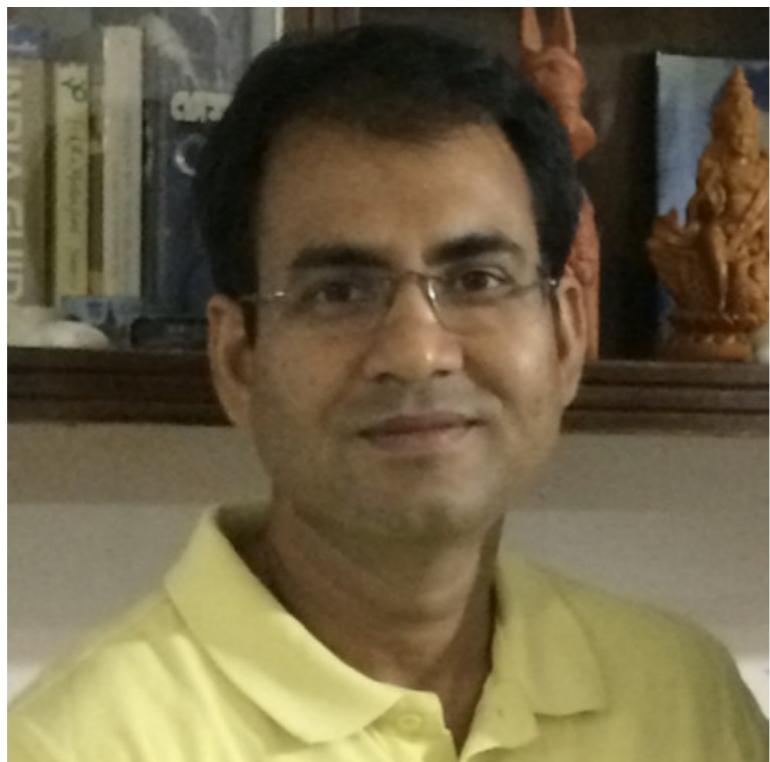
Development of a hostel room booking and mess management system



Prof. Srivathsan Vasudevan  
Dean, Student Affairs  
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# Project 17

Development of an ML-based approach to interpret X-ray absorption data



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# **Project Groups**

<b>Group A</b>	<b>Group E</b>	<b>Group I</b>	<b>Group M</b>	<b>Group Q</b>
VIJIT BALSORI	MALLAVARAPU SAI VARSHITH	KODUDULA NIKETH REDDY	BORRA GNANA SHIVA	BHARAT KAURAV
SIDDHESH NITIN WAJE	PRADEEP KUMAR REBBAVARAPU	BHAVANAM SAI PAVAN REDDY	PRIYANSH VERMA	MADAN P
DEBASISH PADHY	AADISH JAIN	SAI SANJANA REDDY	ADITYA KSHITIZ	AYITHA TRIBUVAN
ABHINAV GANGIL	SAKET PRASHANT THAMKE	KALWAGHE PRANAV SANTOSH	ATHARVA ANIL SANGAWAR	ANNAMSHETTI SUMANTH
PRINCE KUMAR GUPTA	ARAVAPALLI PAVAN KUMAR	BHUKYA HAVISH	ARNAV NIRMAL JAIN	PRANJAY CHOUHAN
<b>Group B</b>	<b>Group F</b>	<b>Group J</b>	<b>Group N</b>	
NAREN KUMAR SAI KAJA	DARSHIL PATEL	S RUTHVIK	DARBHA KALYANA SRIRAM	
KAPUGANTY VENKATA SATYA TEJA	PANCHANGAM AKHILESH	KAMBAM SAI RUCHITHA	GARIMA UPADHYAY	
EDULA BHoomika	PARTH SHARADRAO DESHMUKH	NIKITA SANJAY TAYADE	PRATHAM GUPTA	
MUDE ANKITHA	MUSKAN	SAMYAK DHYANI	GUNTUKU RISHWANTH SAI	
ADITYA YADAV	VEDANT UPADHYAY	CHANDEKAR RIDDHI UMESH	AMIT TIWARI	
<b>Group C</b>	<b>Group G</b>	<b>Group K</b>	<b>Group O</b>	
ADITI ASHISH WEKHANDE	VEDANT DINKAR	VOTTE SRIYANS REDDY	KANAK NAGAR	
JAY SOLANKI	RISHI BHARAT JUNGHARE	MUDE HEMA DEEPIKA	HITESH MAURYA	
JONNALAGADDA SAI PRANAY DEEP	LALIT	SATYA NARAYAN	SARTHAK BRAR	
DEVANSHI CHHATBAR	PRASAD AKANKSHA	CHERUPALLY VINAY	KONETI TEJASWINI	
SAKET MESHRAM	ADITYA SACHIN MASTUD	BALABHADRA RITHVIK	ATHARVA NANOTI	
<b>Group D</b>	<b>Group H</b>	<b>Group L</b>	<b>Group P</b>	
YANNAM YESWANTH REDDY	SANJEET KUMAR	VASHISTHA CHATURVEDI	SHAIK SUHANA	
VINEET VERMA	MISHA JAIN	AVIRAL SHARMA	P C UMA MAHESH	
PARAM BANSAL	PANTHAM RAJA KRISHNA	PAPPALA TEJASWINI	SHAURYA KHETARPAL	
GODUGU HEMANTH CHANDRA	CHIRANJIVI KESHAV	ANIRUDH GAUTAM	SHIVRAJ RATHORE	
NEERUPAM	KARAN JALINDAR JADHAV	DEEPAK YADAV	AMAN PRATAP SINGH	

# **Project Time-line**

Sunday, Jan. 21, 2024, 2359 hrs - Software Requirements Specification Doc.

Sunday, February 4, 2024, 2359 hrs - Design Artefacts

Sunday, February 18, 2024, 2359 hrs - First Iteration of Code

Friday, March 29, 2024, 2359 hrs - Second Iteration of Code

Friday, April 15, 2024, 2359 hrs - Testing should be complete; User Manuals

Monday, May 6, 2024 - Final Deliverables, Demo and Presentations

All deadlines are strict. 5% would be deducted for each day of delay upto a maximum of 5 days. Submissions are to be made over Google Classroom.