

Gujarat Technological University



Project Monitoring and Mentoring System (PMMS)

USER MANUAL FOR INTERNAL GUIDE

GTU Innovation Council

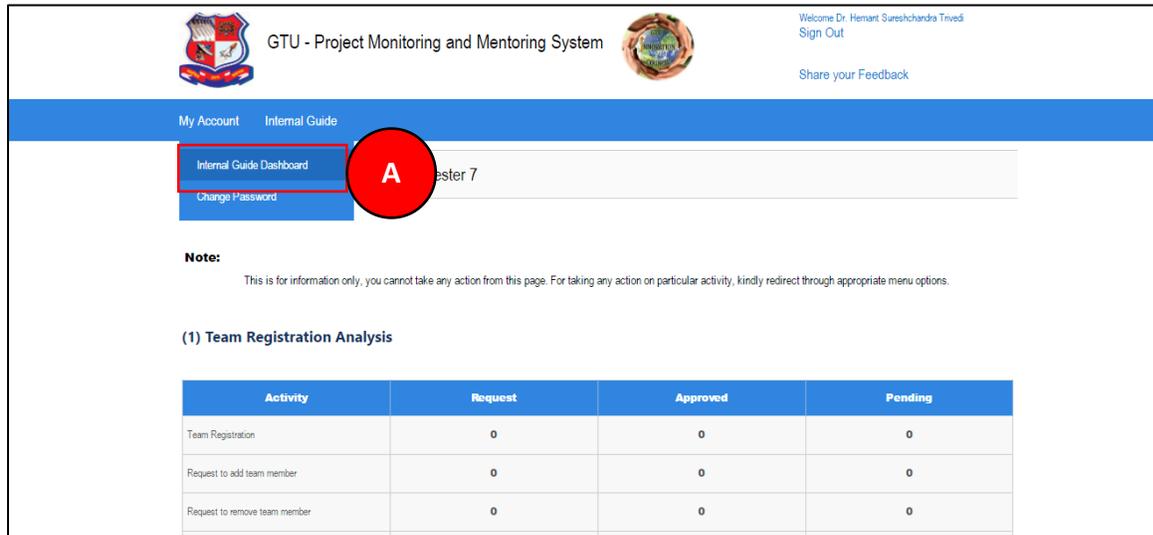
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1. Internal Guide Dashboard

1. Go to Internal Guide Dashboard tab from My Account menu as shown in below screen.



GTU - Project Monitoring and Mentoring System

Welcome Dr. Hemant Sureshchandra Trivedi
Sign Out

Share your Feedback

My Account Internal Guide

Internal Guide Dashboard

Change Password

Note:
This is for information only, you cannot take any action from this page. For taking any action on particular activity, kindly redirect through appropriate menu options.

(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Dashboard will be displayed.



GTU - Project Monitoring and Mentoring System



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My Account
Internal Guide

GTU PMMS Activity Dashboard for Semester 7

Note:
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(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0
Request to change team leader	0	0	0
Request to change internal guide	0	0	0
Request to change external guide	0	0	0

(2) Student Activity

Activity	Submitted	Commented	Reviewed	Pending
Periodic Progress Report 1 (PPR 1)	0	0	0	0
Periodic Progress Report 2 (PPR 2)	0	0	0	0
Periodic Progress Report 3 (PPR 3)	0	0	0	0
Periodic Progress Report 4 (PPR 4)	0	0	0	0
Patent Search And Analysis Report 1 (PSAR 1)	0	0	0	0
Patent Search And Analysis Report 2 (PSAR 2)	0	0	0	0
Patent Search And Analysis Report 3 (PSAR 3)	0	0	0	0
Patent Search And Analysis Report 4 (PSAR 4)	0	0	0	0
Patent Search And Analysis Report 5 (PSAR 5)	0	0	0	0
Design Engineering Canvas (DEC)	0	0	0	0
Project Report	0	0	0	0
Plagiarism Search Report	0	0	0	0
Completion Certificate	0	0	0	0

(3) Mentorship Request

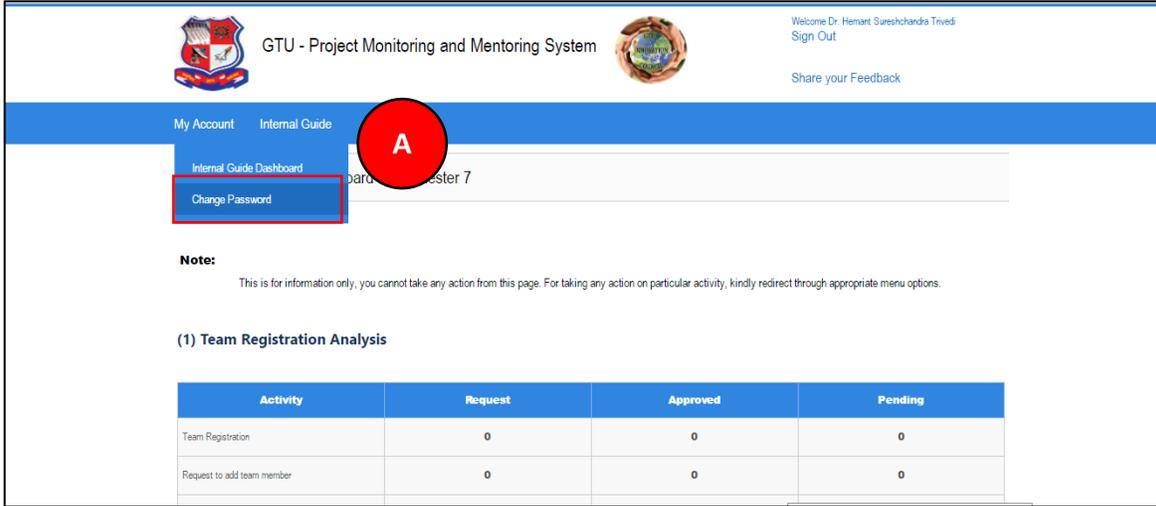
Activity	Submitted	Approved	Pending	Rejected
Total Projects Under Mentorship	N/A	0	N/A	N/A
Delete Mentorship Requests	0	0	0	0

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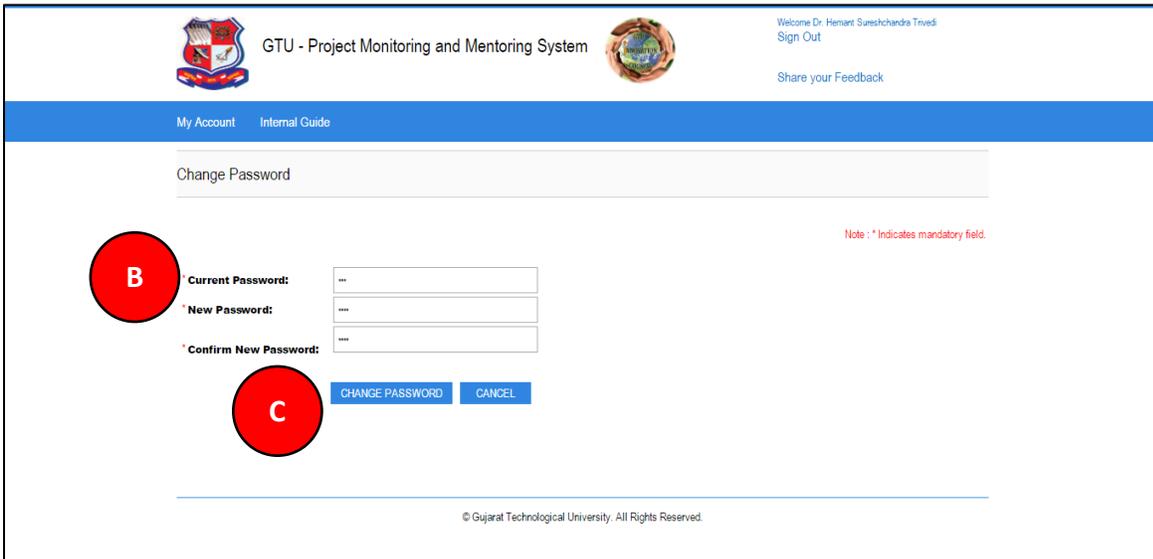
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2. Change Password

1. Go to Change Password tab from My Account menu as shown in below screen.



2. Fill the required details as shown in figure below
3. Click on Change Password Button



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3. Team Approval Requests

1. Go to Team Approval Requests tab from Internal Guide menu as shown in below screen.

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Share your Feedback

My Account Internal Guide

GTU PMMS

- Actions, Approvals & Manage
- Student & Team Activity Approval
- Team Approval Requests (A)

- Check Activity Status
- Report & Summary
- Manage Mentor Activities
- Request for Add Team Member
- Request to Remove Student
- Request to Remove Student Report
- Request to Change Team Lead
- Status of Request to Change Team Lead

Note:
This is for information only, you cannot take any action from this page. For taking any action, you should click through appropriate menu options.

(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Click on Search Button

3. Click on View Details link

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Welcome Mr. Vinay Ashokbhai Parkhi
Sign Out
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My Account Internal Guide

Team Approval Requests

Discipline : All Semester : Select

Enrollment No :

B SEARCH

List of Team Approval Requests

Sr. No	Project Title	Team Leader	Team Members	Status	Action
1	The Frequency Of Antibiotic Resistant E. Coli In Alimentary Tracts	Shingala Hirenkumar Vinubhai	Shingala Hirenkumar Vinubhai;	Pending	C View Details

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4. Approve/Reject team as per your desired

GTU - Project Monitoring and Mentoring SystemWelcome to Vinay Kishore Pathak
Sign Out
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[My Account](#) [Internal Guide](#)

Team Profile

Project Details

College Name: Shree Sai Engineering College, Bhavnagar	Department: Production Engineering
Discipline Code : BE	Principal: HOD_Production_03
Semester: Semester 7	HOD: HOD_PIC_05
	HOD Contact No.: 98222257

Selected Option: On With Individual And New Project

Project : Creativity

Project Category: Disciplinary

Project Type: OIP

Internal Guide: Mr. Vinay Kishore Pathak (pathakv2002@gtu.edu.in)

Project Title: The Frequency Of Antibiotic Resistance E. Coli In Kishorey Town

Project Abstract: The title of my project is called On 'Your Mark, Our Star Road'. The purpose of my experiment was to find out if salt water runs faster than freshwater and which type of nails galvanized or common will not corrode. The procedure involved sanding two galvanized and common nails. The nails were placed in glass jars and added with 100% of water mixed with 10% of salt. The experiment was observed for two weeks. The amount of rust was recorded on both types of nails. I repeated these steps for two types of nails in freshwater. My results of my data reveals that galvanized and common nails in freshwater had a higher average or rust than the other nails in salt water. My data also concludes that the rusting color was black. In conclusion the nails in freshwater rusted more than the nails in saltwater. Saltwater may rust something faster than freshwater, but salt contains sodium chloride in which it causes the nails in saltwater to rust at a slower rate.

Project Keyword: Galvanized, Saltwater

Year: 2015

External Guide Details

Name: Dharen Singh	Organization Name: GTU
Contact No:	Organization Category : Education
Mobile No: 85484854	Website:
Email ID: dharen@gtu.edu.in	Area of Expertise : Cloud Computing
Address: P/2 Dwarak Apt, Viana	

Team Members Details

Sl. No.	Enrollment No.	Name	College	Department	Mobile No.	Email
1	1000122502	Shreeka Heenkumar Vinodha	Shree Sai Engineering College, Bhavnagar	Production Engineering	80048485	dharen071@gmail.com

APPROVE REJECT COMMENT

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4. Request for Add Team Member

1. Go to Request for Add Team Member tab from Internal Guide menu as shown in below screen.

The screenshot shows the GTU PMMS Internal Guide menu. The 'Request for Add Team Member' option is highlighted with a red box and a red circle labeled 'A'. The menu items are:

- Actions, Approvals & Manage
- Student & Team Activity Approval
- Team Approval Requests
- Check Activity Status
- Manage Mentor Activities
- Request for Add Team Member
- Report & Summary
- Request to Remove Student
- Request to Remove Student Report
- Request to Change Team Lead
- Status of Request to Change Team Lead

Note: This is for information only, you cannot take any action from this page. For taking any action, you need to click on the appropriate menu options.

(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Approve/Reject request for Add Team Member submitted by Team Leader of the team under your guidance

The screenshot shows the 'Request for Add Team Member' form and the resulting list of requests. The 'Approve | Reject' action button is highlighted with a red circle labeled 'B'.

Request for Add Team Member

Discipline: All Semester: Select

Internal Guide: All Enrollment No:

SEARCH

List of Request for Add Team Member

Sr. No	Team ID	Enrollment No	Student Name	Department	Project Title	Status	Action
1	14443	090430118049	Gohel Saurabhkumar Santilal	Production Engineering	Dialog	Pending	Approve Reject

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5. Request to Remove Students

1. Go to Request to Remove Students tab from Internal Guide menu as shown in below screen.

The screenshot shows the GTU PMMS Internal Guide menu. The 'Request to Remove Student' option is highlighted with a red box and a red circle labeled 'A'. The menu includes options like 'Actions, Approvals & Manage', 'Student & Team Activity Approval', 'Team Approval Requests', 'Request for Add Team Member', 'Request to Remove Student', 'Request to Remove Student Report', 'Request to Change Team Lead', and 'Status of Request to Change Team Lead'. A table titled '(1) Team Registration Analysis' is also visible.

Activity	Request	Status of Request to Change Team Lead	Pending
Team Registration	1	1	0
Request to add team member	0	0	0
Request to remove team member	0	0	0
Request to change team leader	0	0	0
Request to change internal guide	0	0	0
	0	0	0

2. Select Project Name
3. Approve/Reject Request to Remove Students submitted by Team Leader of the team under your guidance

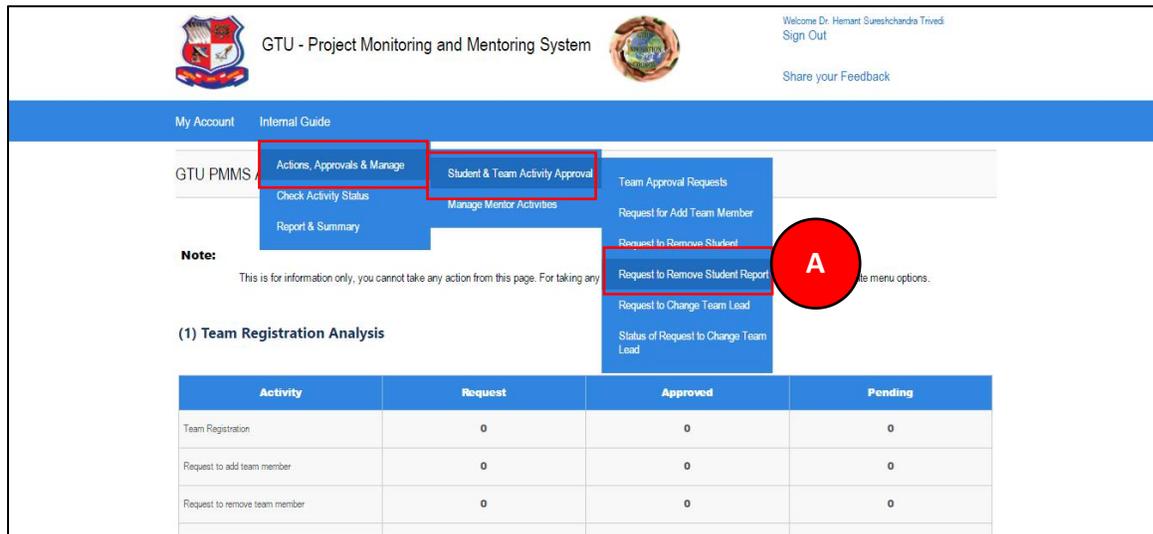
The screenshot shows the 'Request to Remove Student' form. It includes a search bar with a 'SEARCH' button (labeled 'B') and a table of team members (labeled 'C'). The table has columns for Student Name, Enrolment No, Email, Mobile No, and Action (Approve | Reject).

Student Name	Enrolment No	Email	Mobile No	Action
Shingala Hirenkumar Vinubhai	100430125062	ntin@gtu.edu.in		Approve Reject

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6. Request to Remove Students Report

1. Go to Request to Remove Students Report tab from Internal Guide menu as shown in below screen.



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My Account Internal Guide

GTU PMMS

- Actions, Approvals & Manage
- Student & Team Activity Approval
- Team Approval Requests
- Check Activity Status
- Manage Mentor Activities
- Request for Add Team Member
- Request to Remove Student
- Request to Remove Student Report
- Request to Change Team Lead
- Status of Request to Change Team Lead
- Report & Summary

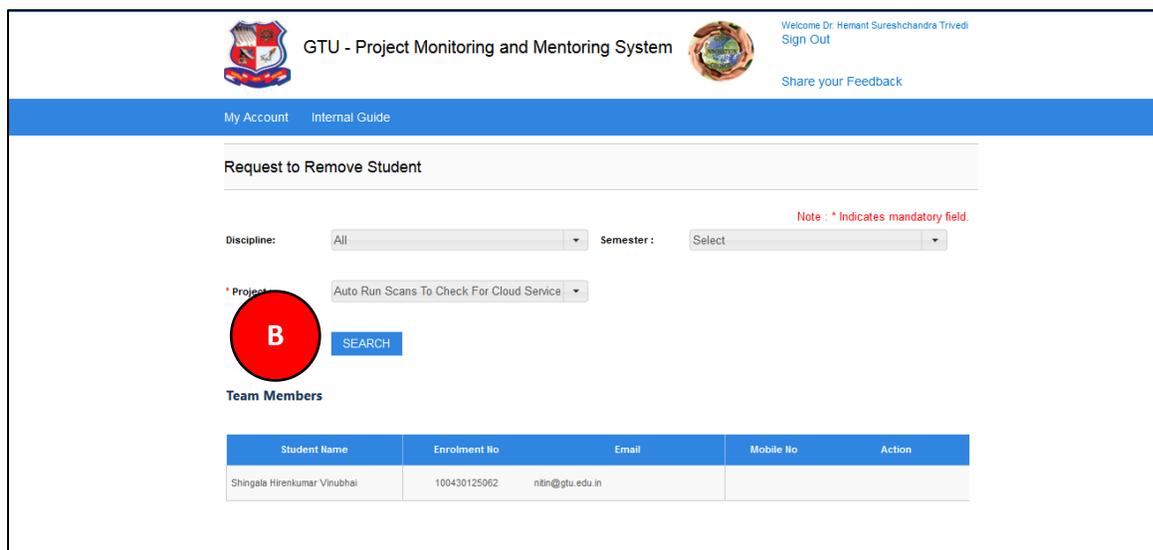
Note:
This is for information only, you cannot take any action from this page. For taking any action, please refer to the menu options.

(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Select Project Name

3. List will be displayed with status (i.e. Pending or Approved)



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My Account Internal Guide

Request to Remove Student

Discipline: All Semester: Select

* Project: Auto Run Scans To Check For Cloud Service

SEARCH

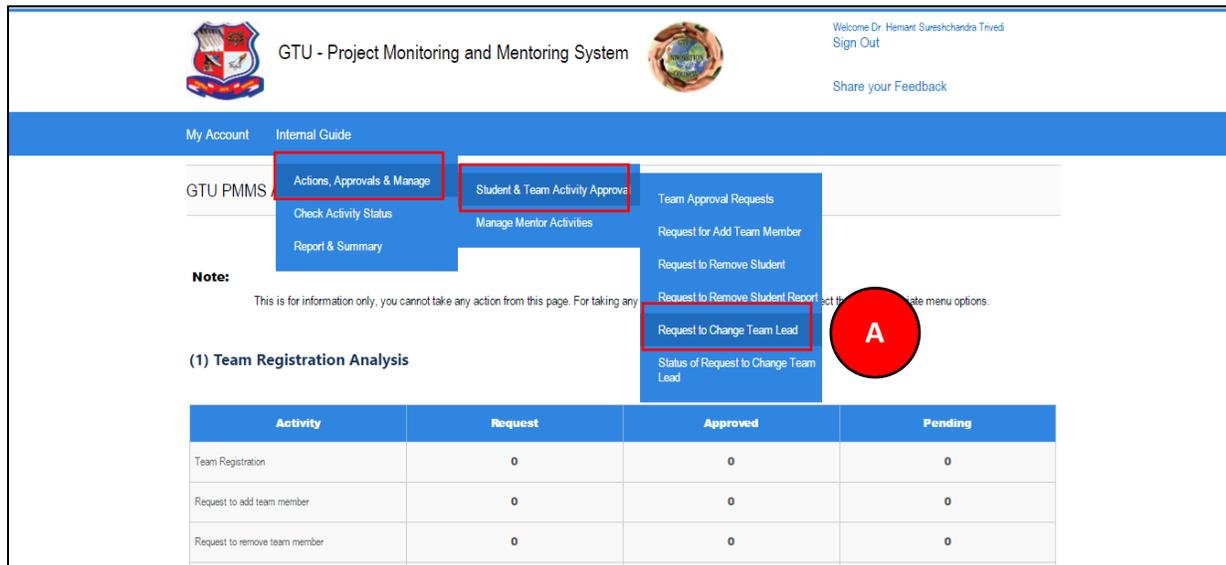
Team Members

Student Name	Enrolment No	Email	Mobile No	Action
Shingala Hirenkumar Virubhai	100430125062	ntrn@gtu.edu.in		

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7. Request to Change Team Lead

1. Go to Request for Request to Change Team Lead tab from Internal Guide menu as shown in below screen.



The screenshot shows the GTU PMMS Internal Guide menu. The 'Request to Change Team Lead' option is highlighted with a red box and a red circle with the letter 'A'. The menu items are:

- Actions, Approvals & Manage
- Check Activity Status
- Report & Summary
- Student & Team Activity Approva
- Manage Mentor Activities
- Team Approval Requests
- Request for Add Team Member
- Request to Remove Student
- Request to Remove Student Report
- Request to Change Team Lead
- Status of Request to Change Team Lead

Note: This is for information only, you cannot take any action from this page. For taking any action, please refer to the appropriate menu options.

(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Select Project Name Click on Search Button
3. Approve/Reject the list of all Requests to Change Team Lead

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Request to Change Team Lead

Discipline: **Semester :** Note : * Indicates mandatory field.

*** Project :**

B

Current Team Lead Details

Enrollment No:	100430125062	College Code:	043-Shantilal Shah Engineering College, Bhavnagar
Discipline Code:	BE	Department:	Production Engineering
Name:	Shingala Hirenkumar Vinubhai	Mobile No:	9727745175
Email Id:	ntin@gtu.edu.in		

Team Members

Student Name	Enrolment No	Email	Mobile No.	Action
Shingala Hirenkumar Vinubhai	100430125062	ntin@gtu.edu.in		C Approve Reject

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8. List of Request to Change Team Leader

1. Go to List of Request to Change Team Leader tab from Internal Guide menu as shown in below screen.
2. Select Project Name
3. List of Request to Change Team Leader will be displayed with its status

The screenshot shows the GTU PMMS Internal Guide interface. The top navigation bar includes 'My Account' and 'Internal Guide'. The 'Internal Guide' dropdown menu is open, showing several options. The 'Status of Request to Change Team Lead' option is highlighted with a red box and a red circle containing the letter 'A'. Below the menu, there is a 'Note' section and a table titled '(1) Team Registration Analysis'.

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

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Request to Change Team Lead

Discipline: **Semester :**

Note : * Indicates mandatory field.

Current Team Lead Details

Enrollment No: 100430125062 **College Code:** 043-Shantilal Shah Engineering College, Bhavnagar
Discipline Code: BE **Department:** Production Engineering
Name: Shingala Hirenkumar Vinubhai **Mobile No:** 9727745175
Email Id: ntr@gtu.edu.in

Team Members

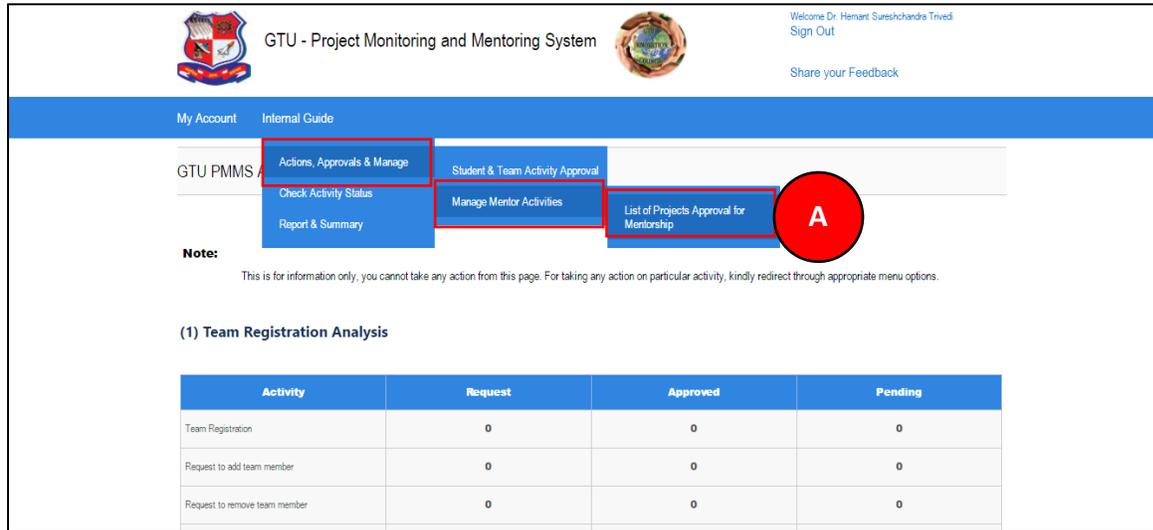
Student Name	Enrolment No	Email	Mobile No.	Action
Shingala Hirenkumar Vinubhai	100430125062	ntr@gtu.edu.in		

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9. List of Projects Approval for Mentorship

1. Go to List of Projects Approval for Mentorship tab from Internal Guide menu as shown in below screen.



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My Account Internal Guide

GTU PMMS

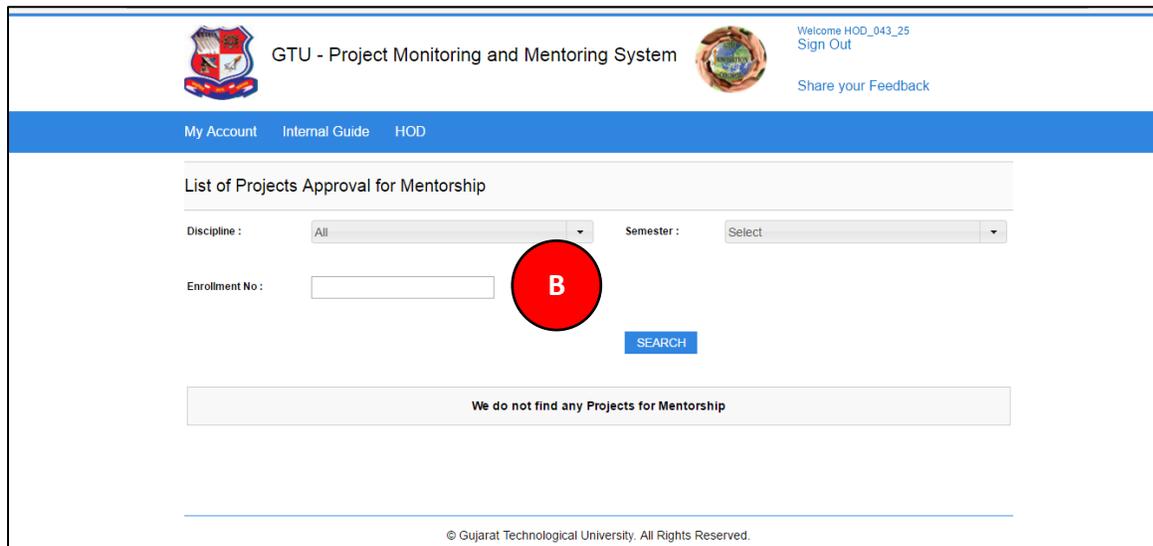
- Actions, Approvals & Manage
- Student & Team Activity Approval
- Check Activity Status
- Manage Mentor Activities
- Report & Summary
- List of Projects Approval for Mentorship

Note:
This is for information only, you cannot take any action from this page. For taking any action on particular activity, kindly redirect through appropriate menu options.

(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Click on Search Button



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Welcome HOD_043_25
Sign Out
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My Account Internal Guide HOD

List of Projects Approval for Mentorship

Discipline : All Semester : Select

Enrollment No :

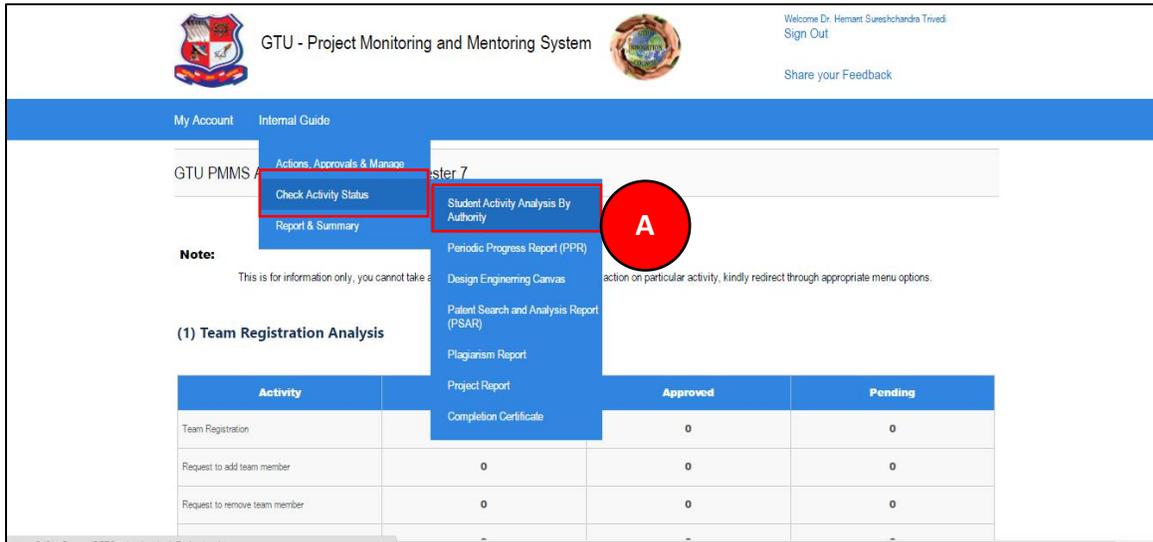
SEARCH

We do not find any Projects for Mentorship

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10. Student Activity Analysis by Authority

1. Go to Student Activity Analysis by Authority tab from Internal Guide menu as shown in below screen.



The screenshot shows the GTU PMMS Internal Guide interface. The top navigation bar includes 'My Account' and 'Internal Guide'. The 'Internal Guide' menu is expanded, showing options like 'Check Activity Status Report & Summary' and 'Student Activity Analysis By Authority'. A red circle with the letter 'A' highlights the 'Student Activity Analysis By Authority' option. Below the menu, there is a table with columns for 'Activity', 'Approved', and 'Pending'.

Activity	Approved	Pending
Team Registration	0	0
Request to add team member	0	0
Request to remove team member	0	0

2. Enter student's enrollment number
3. Click Search Button.
4. Students activity details will be displayed

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Welcome alpesh.makwana@yahoo.com
Sign Out

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[My Account](#) [Internal Guide](#)

Student Activity Analysis By Authority for Semester 7

B

C

Note : * Indicates mandatory field.

* Enrollment No:

(1) Team Formation Status

Activity	Status
Is Team registered?	
Is Team approved?	

(2) Student Activity Status

Activity	D	Commented	Reviewed
Periodic Progress Report 1 (PPR 1)			
Periodic Progress Report 2 (PPR 2)			
Periodic Progress Report 3 (PPR 3)			
Periodic Progress Report 4 (PPR 4)			
Patent Search & Analysis Report (PSAR 1)			
Patent Search & Analysis Report (PSAR 2)			
Patent Search & Analysis Report (PSAR 3)			
Patent Search & Analysis Report (PSAR 4)			
Patent Search & Analysis Report (PSAR 5)			
Design Engineering Canvas (DEC)			
Project Report			
Plagiarism Search Report			
Completion Certificate			

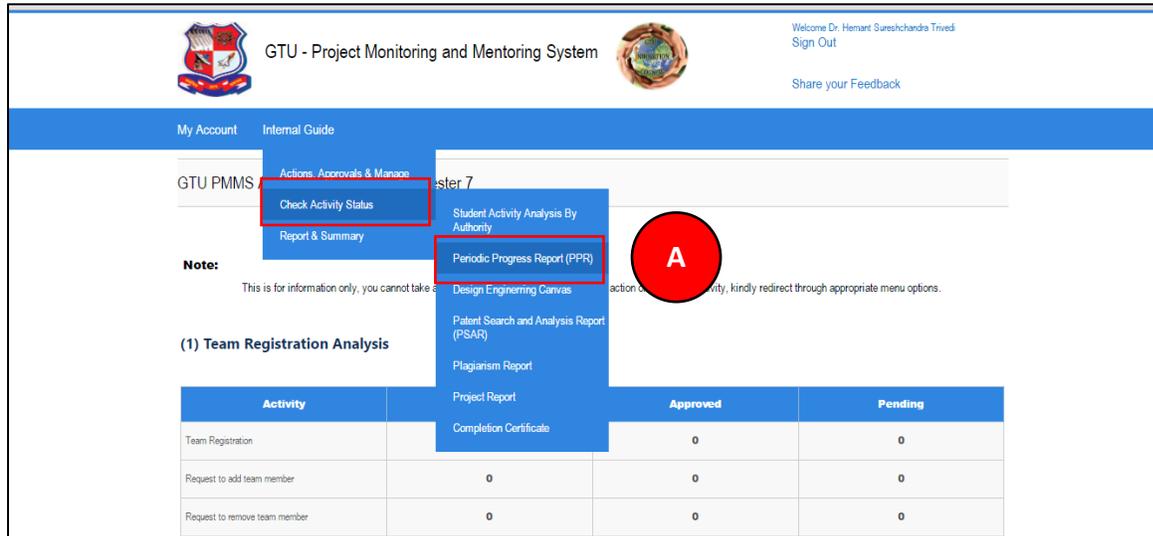
(3) Additional activity Status

Additional activity	Status
Request to add team member	
Request to remove team member	
Request to change team leader	
Request to change internal guide	

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11. Periodic Progress Report (PPR)

1. Go to Periodic Progress Report (PPR) tab from Internal Guide menu as shown in below screen.



The screenshot shows the GTU PMMS Internal Guide menu. The 'Periodic Progress Report (PPR)' option is highlighted in a red box. A red circle with the letter 'A' is placed over the PPR option. The menu also includes options like 'Check Activity Status', 'Report & Summary', 'Student Activity Analysis By Authority', 'Design Engineering Canvas', 'Patent Search and Analysis Report (PSAR)', 'Plagiarism Report', 'Project Report', and 'Completion Certificate'.

(1) Team Registration Analysis

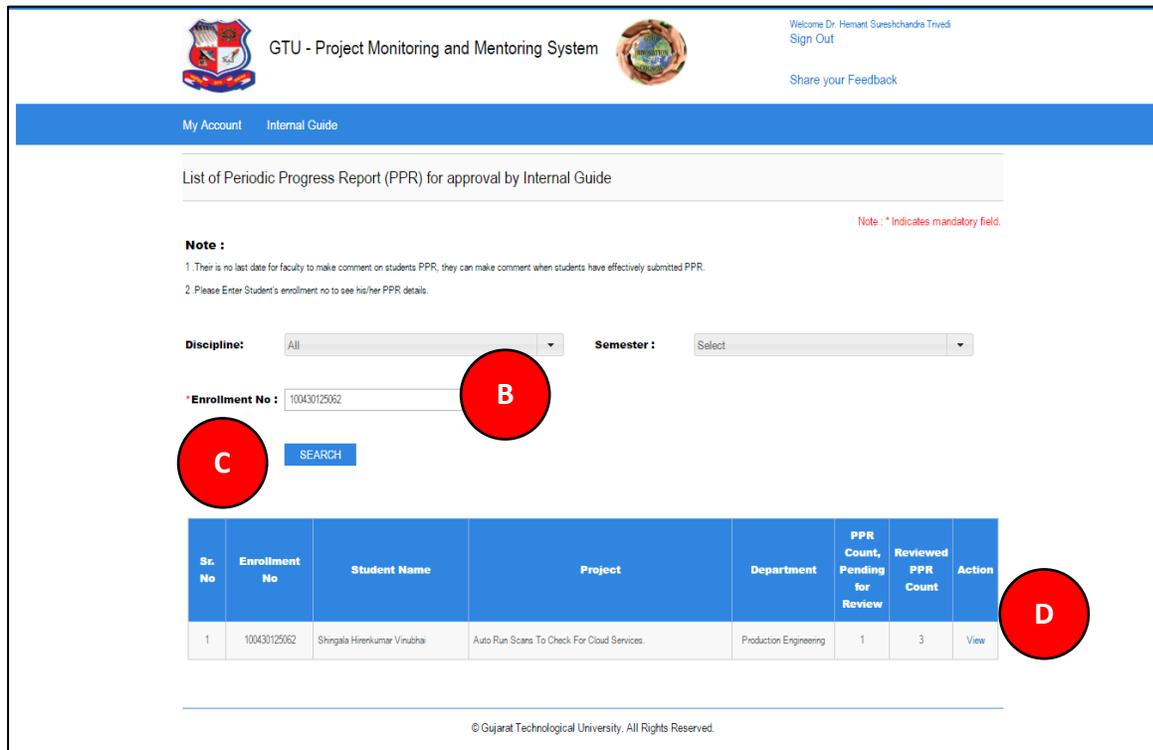
Activity	Completed	Approved	Pending
Team Registration		0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

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2. Enter student's enrollment number

3. Click Search Button.

4. Click on View Link



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My Account Internal Guide

List of Periodic Progress Report (PPR) for approval by Internal Guide

Note : * Indicates mandatory field.

Note :

1. There is no last date for faculty to make comment on students PPR, they can make comment when students have effectively submitted PPR.
2. Please Enter Student's enrollment no to see his/her PPR details.

Discipline: All Semester : Select

*Enrollment No : 100430125962

SEARCH

Sr. No	Enrollment No	Student Name	Project	Department	PPR Count, Pending for Review	Reviewed PPR Count	Action
1	100430125962	Shingala Hirenkumar Vinubhai	Auto Run Scans To Check For Cloud Services.	Production Engineering	1	3	View

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5. All students submitted/commented ppr list will be displayed

6. Click on Review/Comment Link to review/comment your students activity



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Periodic Progress Report (PPR)

[BACK](#)

Enrollment No : 100430125062 **College :** Shantilal Shah Engineering College, Bhavnagar

Student Name : Shingala Hirenkumar Vinubhai **Department :** Production Engineering

Mobile No : 9727745175 **Discipline :** BE

Email : ntrn@gtu.edu.in **Semester :** Semester 7

Project : Auto Run Scans To Check For Cloud Services.

Sr. No	PPR	Date of Submission	Time Interval	Status	Action
1	First PPR	07/11/2016	-	Submitted	View Details
2	First PPR	07/11/2016	-	Reviewed	View Details
3	First PPR	07/11/2016	-	Reviewed	View Details
4	First PPR	07/11/2016	-	Reviewed	View Details

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- 7. Fill desired Comments on Activity**
- 8. Click SUBMIT COMENTS/REVIEW Button to respectively comment/review the desired activity**

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Periodic Progress Report (PPR)

[BACK](#)

Enrollment No : 100430125062
Student Name : Shingala Hirenkumar Vinubhai
Mobile No : 9727745175
Email : ntn@gtu.edu.in
Project : Auto Run Scans To Check For Cloud Services

College : Shantilal Shah Engineering College, Bhavnagar
Department : Production Engineering
Discipline : BE
Semester : Semester 7

Sr. No	PPR	Date of Submission	Time Interval	Status	Action
1	First PPR	07/11/2016	-	Submitted	View Details
2	First PPR	07/11/2016	-	Reviewed	View Details
3	First PPR	07/11/2016	-	Reviewed	View Details
4	First PPR	07/11/2016	-	Reviewed	View Details

PPR Details

Note : * Indicates mandatory field.

Periodic Progress Report : First PPR

1. What Progress you have made in the Project ?

Continuous reporting functionality in the participant portal, it is activated at the time the project starts and it is continuously open for the beneficiaries to submit deliverables, to report on progress in achieving milestones, to follow up of critical risks, ethics issues, publications, communications activities, and the answers to the questionnaire on horizontal issues.

2. What challenge you have faced ?

When the coordinator submits the periodic report, the IT tool will capture the information from the continuous reporting module in order to generate the Part A of the periodic technical report. The IT tool will consolidate the individual financial statements and it will generate automatically the report with explanations of the use of resources and the periodic summary financial statements, which corresponds to the request for payment.

3. What support you need ?

This section must be completed online with suitable quality to enable direct publication by the Commission/Agency. It should be easy to read i.e. written in a language easily understandable by a broader public, thereby promoting the dissemination and supporting the exploitation of EU funded results. It should preferably not exceed

4. Which literature you have referred ?

The differences in communication styles between men and women has been a topic of interest in the research world for many years. These differences may lead to miscommunication, conflict, and even dissatisfaction between couples. This study analyzes the communication styles among genders, more specifically among married couples. It questions how differences in communication styles between married couples married five years or less affect marital satisfaction. The study will be conducted through the use of an interaction analysis. Its goal is to increase the amount of knowledge regarding effective communication and how it relates to marital satisfaction in order to ultimately aid in the rise of marital satisfaction and the decrease of the divorce rate in the United States.

Time Interval :

Document : Download

Comments

Comments by Internal Guide:

reviewed



[SUBMIT COMMENTS](#)

[REVIEW](#)



Note:

Comment: If you click on comment (as per your observations) then it means, student will respond specific to the comment. If you click on comment, then it means you are satisfied with the work of student and hence it will be finally submitted to university. **NO** further modification will be possible thereafter.

Review: If you click on review, then it means you are satisfied with the work of student and hence it will be finally submitted to university. **NO** further modification will be possible thereafter.

[BACK](#)

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12. Design Engineering Canvas

1. Go to Design Engineering Canvas tab from Internal Guide menu as shown in below screen.

The screenshot shows the GTU PMMS Internal Guide interface. At the top, there is a header with the GTU logo, the text "GTU - Project Monitoring and Mentoring System", and a user profile for "Welcome Dr. Hemant Sureshchandra Trivedi" with "Sign Out" and "Share your Feedback" options. Below the header is a blue navigation bar with "My Account" and "Internal Guide" tabs. The "Internal Guide" menu is open, showing a list of options: "Check Activity Status Report & Summary", "Student Activity Analysis By Authority", "Periodic Progress Report (PPR)", "Design Engineering Canvas", "Patent Search and Analysis Report (PSAR)", "Plagiarism Report", "Project Report", and "Completion Certificate". The "Design Engineering Canvas" option is highlighted with a red box. A red circle with the letter "A" is placed over the "Design Engineering Canvas" option. Below the menu is a "Note" section and a table titled "(1) Team Registration Analysis".

Activity	Completed	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Read all the instructions and Click on PROCEED Button

GTU - Project Monitoring and Mentoring SystemWelcome Dr. Hemant Sureshchandra Trivedi
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Design Engineering Canvas

Objectives of design canvas activities:

Design Engineering is a subject based on Design Thinking that will change the mind-set of young engineers to create innovation, entrepreneurship, skill development culture in India. Design Thinking is Human Centred process with specific steps like Observation, Empathy, Ideation, Product Development, Prototype and Test with lots of iterations. All Canvases, framework, tools & techniques are useful to enhance creativity and innovation in the projects. Design Engineering must be considered as philosophy rather a subject.

Task:

During semester 7 the student teams are required to carry out the following design engineering canvas activities related to student's project to identify and filter out good ideas and project definition to work upon:

1. AEIOU Summary
2. Empathy Summary
3. Ideation
4. Product Development

- The Institute/College will arrange workshops for different design canvases like Empathy Summary, Ideation and similar design thinking practices.
- All the student-teams are required to participate in the workshops, involving the whole of the class and prepare the necessary documents. Students' teams need to summarize AEIOU framework activity for observation part in Empathy Summary.
- Then they need to document scouted challenges of the Final Year problem that they have selected.
- Out of those challenges the top 5 problems need to be selected on the basis of desirability, feasibility and viability.
- After discussion with Faculty Guide and other groups, the final problem statement may be defined. All teams need to validate their problem statements with the users.

[GTU Guideline for PMMS activities](#)
(Refer Page No 10 for Design Engineering - Canvas Activity)

[PROCEED](#)

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3. Click Search Button.

4. Click on Review/Comment Link to review/comment your students activity

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My Account Internal Guide

List of Design Engineering Canvas (DEC)

Discipline : All Semester : Select

Enrollment: **B**

Note:
Review all four uploaded canvases and then fill the feedback form respective to each project canvas activity.
Review the uploaded canvas files as submitted by student teams, give your Review/Comments and submit the feedback form.

List of Design Engineering Canvas (DEC)

Sr. No	Team ID	Project Title	Department	Status	AEIOU Summary Canvas	Empathy Summary Canvas	Ideation Canvas	Product Development Canvas	Action
1	14442	Auto Run Scans To Check For Cloud Services.	Production Engineering	Submitted	Download	Download	Download	Download	Review/Comment C

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- 5. Fill desired Comments on Activity**
- 6. Click SUBMIT COMENTS/REVIEW Button to respectively comment/review the desired activity**

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Design Engineering Canvas Details

[BACK](#)

College :	Sharadai Shah Engineering College, Bhavnagar	Discipline :	BE
Department :	Production Engineering	Semester :	Semester 7
Project Name :	Auto Run Scans To Check For Cloud Services.		
Team ID :	14442		
Last Modified Date:	12-07-2016	Last Modified By:	Shingala Hirenkumar Vrudhai
Status:	Submitted		

Questions

- Question 1 :** Do you think design based learning/ project helped students for creativity, innovation and problem solving? Yes No
- Question 2 :** Do you think canvas activities helped students for team work & collaboration? Yes No
- Question 3 :** Did the student's team go for ISV/ Observation? Yes No
- Question 4 :** Do you think Observation activity (Empathy) is important for project work? Yes No
- Question 5 :** After Observation activity, do you think that students can better define project statement? Yes No
- Question 6 :** Do you think Ideation Canvas is important for project work? Yes No
- Question 7 :** Do you think Product Development Canvas is important for project work? Yes No
- Question 8 :** Do you think Minimum Viable Prototype (MVP) helps students to refine their project work? Yes No
- Question 9 :** Do you think after introducing Design Based Learning (DBL) (Canvas) into the final year projects, project quality is improved? Yes No
- Question 10 :** Did students (team) finish all stages in time? Yes No

Comments

Comment : **Guidance :**

Note:

Comment : If you click on comment (as per your observations) then it means, student will respond specific to the comment. And so student **CAN** further modify the details, and after which faculty has to **REVIEW** the changes as made by students.

Review : If you click on review, then it means you are satisfied with the work of student and hence it will be finally submitted to university. **NO** further modification will be possible there after.

[SUBMIT COMMENTS](#) [REVIEW](#)

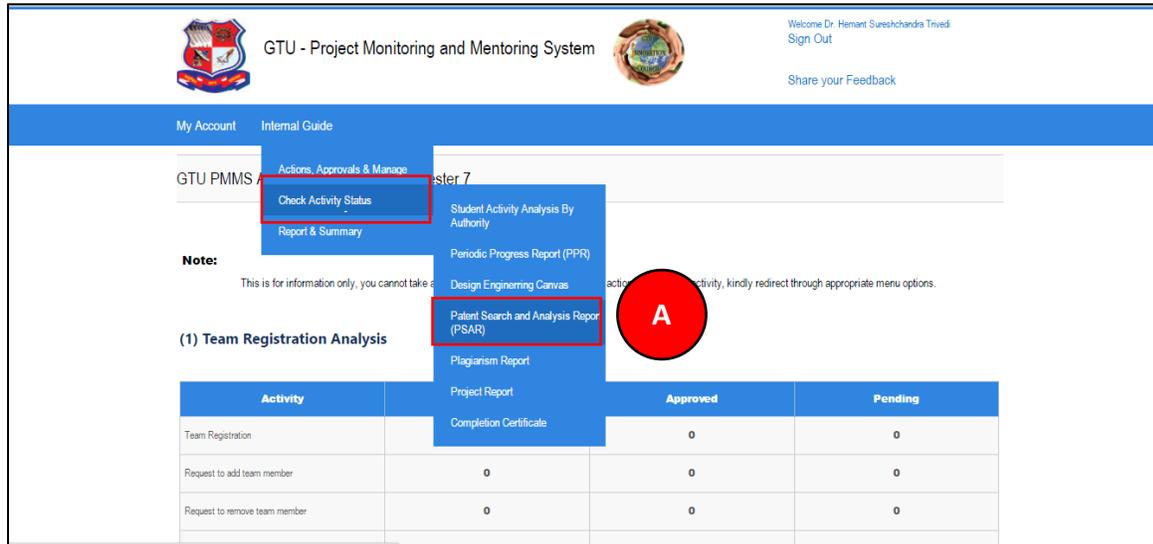
[BACK](#)

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13. PSAR

1. Go to Request for PSAR tab from Internal Guide menu as shown in below screen.



The screenshot shows the GTU PMMS Internal Guide interface. The top navigation bar includes 'My Account' and 'Internal Guide'. A dropdown menu is open under 'Internal Guide', listing various options. The 'Patent Search and Analysis Report (PSAR)' option is highlighted with a red box. A red circle with the letter 'A' is placed over the PSAR option. Below the menu, there is a table with columns for 'Activity', 'Approved', and 'Pending'.

Activity	Approved	Pending
Team Registration	0	0
Request to add team member	0	0
Request to remove team member	0	0

2. Read all the instructions and Click on PROCEED Button

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[My Account](#) [Internal Guide](#)

Patent Search and Analysis Report (PSAR)

The Objective of PSAR activity is to increase awareness regarding patents among students and faculty by making them familiar with patent websites & patent documents. PSAR activity is designed to motivate students for innovative thinking.

In PSAR activity every student of final year BE who is doing project individually or in team are required to do patent search related to their IDP/UDP/Final year projects and submit a report of their such work online.

During PSAR generation activity, every student within a team has **to study at least five (5) patents related either to his/her IDP/UDP or related to his/her area of interest** Analysed data of each of these five patents is to be submitted online at PMMS portal.

STUDENTS CAN USE ANY FREE/OPEN SOURCE AVAILABLE PATENT DATABASES FOR PATENT SEARCH, few of open source patent databases are as below:

Sr. No.	Database	Web link
1	Indian Patent Office Database	http://ipindiaservices.gov.in/publicsearch/
2	European Patent Office Database (Espacenet)	http://worldwide.espacenet.com/advancedSearch
3	WIPO Patent Database (PATENTSCOPE)	http://patentscope.wipo.int/search/en/search.jsf
4	US patent database (USPTO)	http://patft.uspto.gov/
5	Google Patents	https://patents.google.com/
6	Free Patents Online	http://www.freepatentsonline.com/
7	Directory of Country Wise Intellectual Property Offices	http://www.wipo.int/directory/en/urls.jsp

PSAR reports of patent search work by each team will also be made online along with comment and suggestions of the guide. Data will be made available online for creating lateral learning opportunities within and across various branches/sectors of engineering students at GTU.

Note: To scale up the PSAR activity, this year GTU is also introducing the PSAR review process by faculty in PMMS. Faculty are advised to motivate students for giving best possible extensions/add on features in each studied patent by every student. These data of PSAR reports will be made online for lateral learning by other faculty and students. And after review of each innovative idea (answer of PSAR question no. 27), by faculty best ideas can be identified and transformed/taken into really innovative projects to build novel product or processes in next semester or year. This will enhance the level of innovative idea/projects and mitigate the duplication of work.

Responsibility of Guide:

It will be the responsibility of the faculty-guide to ensure that each student (team member) will study the different patents related to their IDP/UDP. No student of the same team/same class has to repeat the same patent as studied by another team member/student of the same project/IDP/UDP or class.

Role of Internal guide/EG/HOD/Principal:

- Make students aware about the objective of this activity.
- Internal guide must has to verify the uploaded canvas files related to individual teams activity/project. Faculty may give their suggestion/inputs/comments related to canvas and report. The same tasks can also be performed from HOD/Principal's account.
- Based on the inputs from internal guide/HOD/Principal student team has to take necessary action.
- External guide and External mentor can also comment on this activity.



PROCEED

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3. Enter desired Enrollment number and Click on Search Button

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List of Patent Search and Analysis Report (PSAR)

Note : * Indicates mandatory field.

Note : Please Enter Student's enrollment no to see his/her PSAR details.

Discipline: Semester :

*Enrollment No :

C

List of Patent Search and Analysis Report (PSAR)

Sr. No	Enrollment No.	Student Name	Project Title	Department	PSAR Count	Reviewed PSAR Count	Action
1	100430125062	Shingala Hirenkumar Vinubhai	Research Agenda In Cloud Technologies	Production Engineering	3	2	Review Comment D

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4. Click on Review/Comment Link to review/comment your students activity

5. Click on View details link



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Patent Search and Analysis Report (PSAR) Details

[BACK](#)

Enrollment No : 100430125062
Student Name : Shingala Hirenkumar Vinubhai
Mobile No : 9727745175
Email : nlr@gju.edu.in

College : Shantilal Shah Engineering College, Bhavnagar
Department : Production Engineering
Discipline : BE
Semester : Semester 7

Project Name : Auto Run Scans To Check For Cloud Services.
Team ID : 14442

Sr. No	Patent No	Date of Submission	Status	Download	Action
1	fdg	07/11/2016	Submitted	Download	View Details
2	fdg	07/12/2016	Submitted	Download	View Details
3	fdg	07/12/2016	Submitted	Download	View Details
4	125847	07/11/2016	Reviewed	Download	View Details
5	21432454	07/11/2016	Reviewed	Download	View Details

[BACK](#)

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- 6. Fill desired Comments on Activity**
- 7. Click SUBMIT COMENTS/REVIEW Button to respectively comment/review the desired activity**

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[Share your Feedback](#)

My Account
Internal Circle

Patent Search and Analysis Report (PSAR) Details

Enrollment No : 10043012062

Student Name : Shriya Parvathamma Yashraj

Mobile No : 972745175

Email : mh@gtu.edu.in

Project Name : Auto Run Scales To Check For Cloud Services.

Team ID : 14442

College : Bharati Vastu Engineering College, Bhavnagar

Department : Production Engineering

Discipline : PE

Semester : Semester 7

[DATE](#)

Sl. No.	Patent No.	Date of Submission	Status	Downloaded	Action
1	125847	07/11/2016	Submitted	Download	View Details
2	File	07/11/2016	Submitted	Download	View Details
3	File	07/12/2016	Submitted	Download	View Details
4	File	07/12/2016	Submitted	Download	View Details
5	21432858	07/11/2016	Reviewed	Download	View Details

PART - I : PATENT SEARCH TECHNIQUE USED

1. Patent Search Database Used : Indian Patent Office database

Web link of the Database : <http://ipb.in>

2. Keywords Used For Search : patent, Patent, Patent 3

3. Search String Used : patent

4. Number of Results/Items getting : 32

PART - II : BASIC DATA OF PATENTED INVENTION/BIBLIOGRAPHIC DATA

6. Category/Field of Invention : Mechanical

8. Invention in Related subclass of Invention : CLOUD COMPUTING

6a. IPC class of the student patent : CLOUD

7. Title of Invention : Cloud Computing provides an means by which one can access the applications as utilities over the internet.

8. Patent No.: 125847

9. Application No. : 201612

6a. Web link of the student patent : <http://www.gtu.ac.in/results.asp>

10. Date of Filing/Invention : 11/07/2016

11. Priority Date : 08/07/2016

12. Publication/Journal Number - (Issue No. of Journal in which Patent is published) :

13. Publication Date :

14. First Filed Country :

15. Also Published as

Country	Patent No.
Afganistan	1234

16. Inventor

Name of Inventor	Address/City/Country of Inventor
MS DRWANI	VADVA

17. Applicant

Name of Applicant/Agency	Address/City/Country of Applicant
MS AMYA	PRANALDANAGAR

18. Applicant for Patent is :

PART - III : TECHNICAL PART OF PATENTED INVENTION

19. Limitation of Prior Technology/Art :
Before proceeding with the tutorial, you should have basic knowledge of Computers, Internet, Database and Networking concepts.

20. Specific Problem Solved/Objective of Invention :
Cloud Computing Turret with high end solution of IT infrastructure. Cloud computing is a virtualization based technology that reduces the cost of IT infrastructure. It provides a solution of IT infrastructure in low cost. In the cloud tutorial, you will learn basic and advanced topics of cloud that is beneficial for beginners and professionals.

21. Brief about Invention :
Cloud Computing has its applications in almost all the fields such as business, entertainment, data storage, social networking, management, entertainment, education, art and global positioning system, etc. Some of the widely known cloud computing applications are discussed here in this tutorial. Business Applications Cloud computing has made businesses more collaborative and easy by incorporating various apps such as MacChart, Charter, Google Apps for business, and Quickbooks.

22. Key Learning Points :
Cloud Computing has its applications in almost all the fields such as business, entertainment, data storage, social networking, management, entertainment, education, art and global positioning system, etc. Some of the widely known cloud computing applications are discussed here in this tutorial. Business Applications Cloud computing has made businesses more collaborative and easy by incorporating various apps such as MacChart, Charter, Google Apps for business, and Quickbooks.

23. Summary of Invention :
Cloud Computing has its applications in almost all the fields such as business, entertainment, data storage, social networking, management, entertainment, education, art and global positioning system, etc. Some of the widely known cloud computing applications are discussed here in this tutorial. Business Applications Cloud computing has made businesses more collaborative and easy by incorporating various apps such as MacChart, Charter, Google Apps for business, and Quickbooks.

24. Number of Claims : 05

25. Patent Status : Published Application

26. How much this invention is related with your IEP/IDP ?
= 25

Invention to Improve

27. Do you have any idea to do anything around the said invention to improve it? :
Cloud Computing has its applications in almost all the fields such as business, entertainment, data storage, social networking, management, entertainment, education, art and global positioning system, etc. Some of the widely known cloud computing applications are discussed here in this tutorial. Business Applications Cloud computing has made businesses more collaborative and easy by incorporating various apps such as MacChart, Charter, Google Apps for business, and Quickbooks.

Questions

Question 1 : Does the PSAR report is based on patent related to student's project? Yes No

Question 2 : Does student have prepared PSAR report after proper reading of patent? Yes No

Question 3 : Does the PSAR report of student is of appropriate quality? Yes No

Question 4 : Does the PSAR activity had contributed in any way to improve the project of the students? Yes No

Question 5 & 6

Question 5 : Does the improvement idea given by student under question no 27 of PSAR report has potential to take forward as project in next semester/year? Yes No

Question 6 (A) : Is the idea given above is feasible to carry out as project at your college laboratory? Yes No

What kind of support is required, to take it forward - Discussion in brief?

Question 6 (B) : Are you willing to publish this idea on public website (PMMS), so that other students/faculty/colleges can study innovative ideas and may take this idea to work upon as a research project? Yes No

Comments

Comment :

[REVIEW](#)

[DATE](#)

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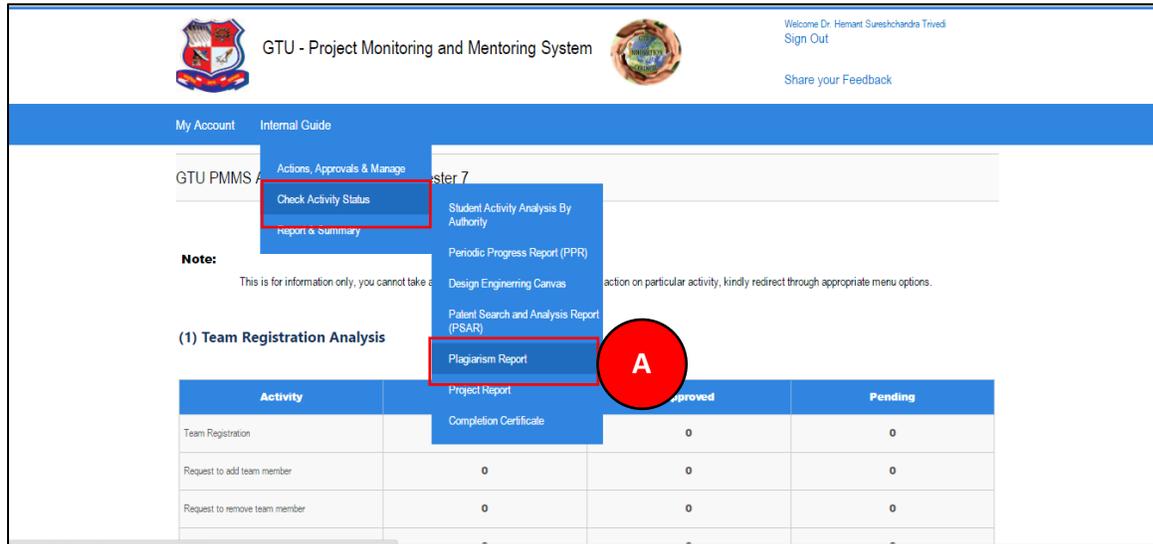
PMMS – User Manual for Internal Guide

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14. Plagiarism Report

1. Go to Plagiarism Report tab from Internal Guide menu as shown in below screen.



The screenshot shows the GTU PMMS Internal Guide menu. The 'Plagiarism Report' option is highlighted in blue. A red circle with the letter 'A' is placed over the 'Plagiarism Report' option. The menu also includes options like 'Check Activity Status', 'Student Activity Analysis By Authority', 'Periodic Progress Report (PPR)', 'Design Engineering Canvas', 'Patent Search and Analysis Report (PSAR)', and 'Project Report'.

Activity	Project Report	Approved	Pending
Team Registration	Completion Certificate	0	0
Request to add team member		0	0
Request to remove team member		0	0

2. Read all the instructions and Click on PROCEED Button



Plagiarism Report

Objective:

All the student teams have to check their project report for plagiarism, which indicates percentage similarity of the languages used during drafting project report, using a good plagiarism-checking/search software package. All student teams have to get plagiarism search certificate using any available free plagiarism search tools/service/software.

List of few online free plagiarism checker tools are as below, student can use any of below to get plagiarism search report/certificate related to their project report. Also students are permitted to use any other tools beyond this list. Students are advised to get plagiarism certificate as soon as possible after their project report is ready.

Sr. No.	Website Name	Link
1	Viper	http://www.scammyessay.com/
2	Plagium	http://www.plagium.com/
3	Plagiarisma.net	http://plagiarisma.net/
4	PlagScan	http://www.plagscan.com/seesources/
5	CopyScape	http://www.copyscape.com/
6	JPlag - KIT	https://plag.ipd.kit.edu/
7	DOC Cop	https://www.doccop.com/index.html
8	Duplichecker	http://www.duplichecker.com/
9	Dustball	http://www.dustball.com/cs/plagiarism_checker/
10	Plagiarism detect	http://www.plagiarism-detect.com/
11	PaperRater	http://www.paperater.com/
12	Free Online Plagiarism Software	http://plagiarismsoftware.org/
13	OAPS	http://oaps.eu/
14	Wcopyfind	http://plagiarism.bloomfieldmedia.com/?v=wordpress/software/wcopyfind/

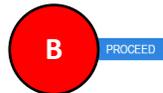
Students are required to attach such plagiarism certificate/report in to their project report, as well they are also required to upload same certificate/report on PMMS portal.

Review:

If you click on review, then it means you are satisfied with the work of student and hence it will be finally submitted to university. **NO** further modification will be possible thereafter.

Role of Internal Guide/HOD/Principal:

- Make students aware about the **objective** of this activity.
- Internal guide must have to **verify** the uploaded plagiarism report file related to individual teams activity/project. Faculty may give their **suggestion/inputs/comments** related to project report. The same tasks can also be performed from HOD/Principal's account.
- Based on the inputs from internal guide/HOD/Principal student team has to take necessary action.
- External guide and External mentor can also comment on this activity.



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3. Click Search Button

4. Click on Review/Comment Link to review/comment your students activity

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My Account Internal Guide

Plagiarism Report

Discipline : All Semester : Select

Enrollment No.

C

List of Plagiarism Report

Sr. No	Team ID	Project Title	Department	Plagiarism Tools	Plagiarism Percentage (%)	Name of Website	Last Modified Date	Last Modified By	Status	Download	Action
1	14442	Auto Run Scans To Check For Cloud Services.	Production Engineering	Plagiarisma Net	21	Plagiarisma Net: Plagiarism Checker	12-07-2016	Shingala Hirenkumar Virubhai	Submitted	Download	D Review / Comment

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5. Fill desired Comments on Activity

6. Click SUBMIT COMENTS/REVIEW Button to respectively comment/review the desired activity

The screenshot displays the 'GTU - Project Monitoring and Mentoring System' interface. At the top, there is a navigation bar with 'My Account' and 'Internal Guide' options. The main content area is titled 'Plagiarism Report Details' and contains the following information:

College :	Shantil Shah Engineering College, Bhavnagar	Discipline :	BE
Department :	Production Engineering	Semester :	Semester 7
Project Title :	Auto Run Scans To Check For Cloud Services.		
Team ID :	14442		
WebsiteName:	Plagiarisma.Net: Plagiarism Checker	Web Site :	http://plagiarisma.net/
Plagiarism Percentage:	21	Unique Plagiarism Percentage:	21
Last Modified Date:	12-07-2016	Last Modified By:	Shingala Hirenkumar Vinubhai
Status:	Submitted		

Below the report details is a 'Comments' section. It features a text input field with the placeholder text 'internal guide comments'. To the left of the input field is a red circle with a white letter 'E'. Below the input field, there is a 'Note' section with the following text:

Note:
Comment: If you click on comment (as per your observations) then it means, student will respond specific to the comment. And so student **CAN** further modify the details, and after which faculty has to **REVIEW** the changes as made by students.
Review: If you click on review, then it means, with the work of student and hence it will be finally submitted to university **NO** further modification will be possible their after.

At the bottom of the comments section, there are two buttons: 'SUBMIT COMMENTS' and 'REVIEW'. A red circle with a white letter 'F' is positioned to the left of these buttons. A 'BACK' button is located at the bottom right of the comments section.

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15. Project Report

1. Go to Project Report tab from Internal Guide menu as shown in below screen.

The screenshot shows the GTU PMMS Internal Guide interface. The top navigation bar includes 'My Account' and 'Internal Guide'. The 'Internal Guide' menu is open, displaying various options such as 'Check Activity Status', 'Report & Summary', 'Student Activity Analysis By Authority', 'Periodic Progress Report (PPR)', 'Design Engineering Canvas', 'Patent Search and Analysis Report (PSAR)', 'Plagiarism Report', 'Project Report', and 'Completion Certificate'. The 'Project Report' option is highlighted with a red box. A red circle with the letter 'A' is placed over the 'Project Report' option. Below the menu, there is a table with columns 'Activity', 'Pending', and 'Completed'.

Activity	Pending	Completed
Team Registration	0	0
Request to add team member	0	0
Request to remove team member	0	0

2. Read all the instructions and Click on PROCEED Button



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[My Account](#) [Internal Guide](#)

Project Report

Project Report - It is required to be a report of the work, done by the team of students during the academic semester/year. The Report is to be submitted whether the project has been completed successfully or the work is going to be carried out by next semester/year students.

[Guidelines for Final Year Project Report format is available in GTU Guideline for PMMS activities](#)
(Refer Page No 22-24) for Project Report Activity)

Note:

- The format given in above document is a sample format, any college may amend this format based on the need, but it is to be ensuring that all items listed to that format must be included in project report.
- The project report copy which is to be uploaded on PMMS portal, need to include above items.
- No student/college has to submit any hard bound project copy/CD to GTU, as GTU will receive the data from student's profile in PMMS portal. Every College may preserve project data of all students/teams in a soft copy on a CD rom for further record.
- Students who are working on projects related to Vishwakarma Yojana, have to work as per instruction from their guide to cover all project activities.

Role of Internal Guide/EG/HOD/Principal:

- Make students aware about the objective of this activity.
- Internal guide must has to verify the uploaded project report of student teams activity/project. Faculty may give their suggestion/inputs/comments related to project report. The same tasks can also be performed from HOD/Principal's account.
- Based on the inputs from internal guide/HOD/Principal student team has to take necessary action.
- External guide and External mentor can also comment on this activity.

Review the uploaded project report files as submitted by student teams, give your Review/Comments and submit the feedback form.

[PROCEED](#)

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3. Click on Search Button

4. Click on Review/Comment Link to review/comment your students activity

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My Account Internal Guide

Project Report

Discipline : All Semester : Select

Enrollment No :

C SEARCH

List of Project Report

Sr. No	Team ID	Project Title	Department	Last Modified Date	Last Modified By	Status	Download	Action
1	14442	Auto Run Scans To Check For Cloud Services.	Production Engineering	12/07/2016	Shingala Hirenkumar Vinubhai	Submitted	Download	Review Comment D

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5. Fill desired Comments on Activity

6. Click SUBMIT COMENTS/REVIEW Button to respectively comment/review the desired activity

The screenshot displays the 'GTU - Project Monitoring and Mentoring System' interface. At the top, there is a navigation bar with 'My Account' and 'Internal Guide' links. The main content area is titled 'Project Report Details' and contains the following information:

- College :** Shantilal Shah Engineering College, Bhavnagar
- Discipline :** BE
- Department :** Production Engineering
- Semester :** Semester 7
- Project Name :** Auto Run Scans To Check For Cloud Services.
- Team ID :** 14442
- GTU Patent Clinic Program :** Yes
- GTU Patent Clinic Program :** Yes
- Last Modified Date:** 12-07-2016
- Status:** Submitted
- Crowdfunding Initiator (CFI) :** No
- Last Modified By:** Shingala Hirenkumar Vinubhai

Below the project details is a 'Comments' section. It features a text input field with the word 'reviewed' entered. A red circle with the letter 'E' is placed over the input field. Below the input field, there is a 'Note' section with the following text:

Comment: If you click on comment (as per your observations) then it means, student will respond specific to the comment. And so student. **CAN** further modify the details, and after which faculty has to **REVIEW** the changes as made by students.

Review: If you click on review, then it means you are satisfied with the work of student and hence it will be finally submitted to university. **NO** further modification will be possible thereafter.

At the bottom of the comments section, there are two buttons: 'SUBMIT COMMENTS' and 'REVIEW'. A red circle with the letter 'F' is placed over the 'SUBMIT COMMENTS' button. A 'BACK' button is located at the bottom right of the comments section.

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16. Completion Certificate

1. Go to Completion Certificate tab from Internal Guide menu as shown in below screen.

The screenshot shows the GTU PMMS Internal Guide interface. The 'Internal Guide' menu is open, and the 'Completion Certificate' option is highlighted with a red box. Below the menu, there is a table with columns for 'Activity', 'Approved', and 'Pending'. A red circle with the letter 'A' is placed over the 'Approved' column of the table.

Activity	Approved	Pending
Team Registration	0	0
Request to add team member	0	0
Request to remove team member	0	0

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2. Click Search button
3. Download Certificate of each and every student under you whose all activities have been reviewed by you.

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My Account Internal Guide

List of Completion Certificate

Discipline: All Semester: Select

Enrollment No:

B

List of Completion Certificate

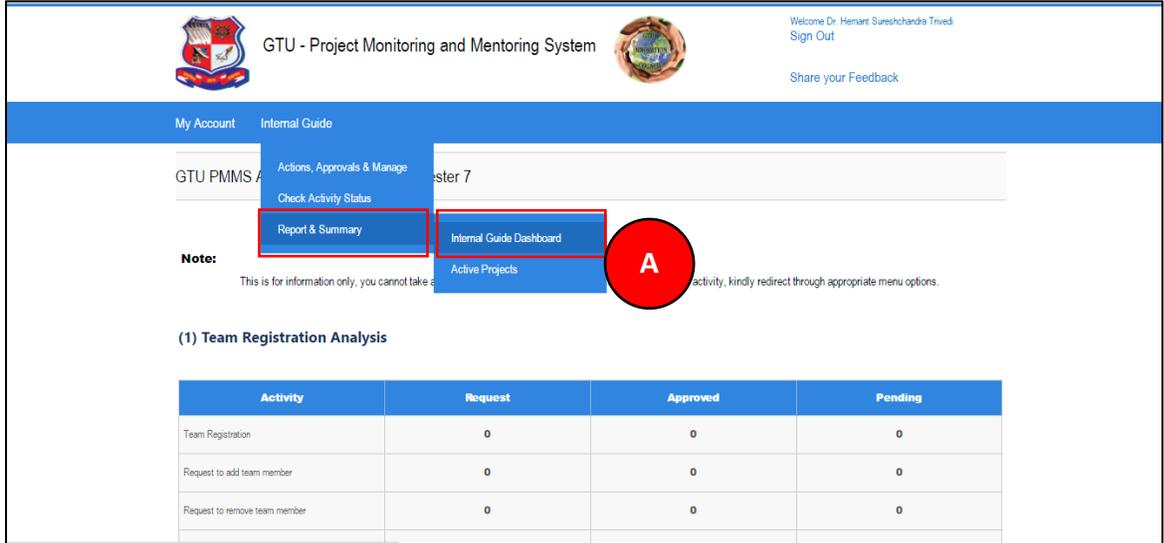
Sr. No	Enrollment No	Student Name	Team ID	Project Title	Department	Completion Certificate
1	100430125062	Shingala Hirenkumar Vinubhai	14442	Auto Run Scans To Check For Cloud Services.	Production Engineering	C Download

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17. Internal Guide Dashboard

1. Go to Internal Guide Dashboard tab from Internal Guide menu as shown in below screen.



The screenshot shows the GTU PMMS interface. At the top, there is a header with the GTU logo, the text "GTU - Project Monitoring and Mentoring System", and a user profile for "Welcome Dr. Hemant Sureshchandra Trivedi" with a "Sign Out" link and a "Share your Feedback" link. Below the header is a blue navigation bar with "My Account" and "Internal Guide". The "Internal Guide" menu is open, showing options: "Actions, Approvals & Manage", "Check Activity Status", "Report & Summary", "Internal Guide Dashboard", and "Active Projects". The "Internal Guide Dashboard" option is highlighted with a red box and a red circle containing the letter 'A'. Below the menu, there is a "Note" section and a table titled "(1) Team Registration Analysis".

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

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2. Dashboard will be displayed

GTU - Project Monitoring and Mentoring SystemWelcome Dr. Hemant Sureshchandra Trivedi
Sign Out
Share your Feedback

[My Account](#) [Internal Guide](#)

GTU PMMS Activity Dashboard for Semester 7

Note:
This is for information only, you cannot take any action from this page. For taking any action on particular activity, kindly redirect through appropriate menu options.

(1) Team Registration Analysis

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0
Request to change team leader	0	0	0
Request to change internal guide	0	0	0
Request to change external guide	0	0	0

(2) Student Activity

Activity	Submitted	Commented	Reviewed	Pending
Periodic Progress Report 1 (PPR 1)	0	0	0	0
Periodic Progress Report 2 (PPR 2)	0	0	0	0
Periodic Progress Report 3 (PPR 3)	0	0	0	0
Periodic Progress Report 4 (PPR 4)	0	0	0	0
Patent Search And Analysis Report 1 (PSAR 1)	0	0	0	0
Patent Search And Analysis Report 2 (PSAR 2)	0	0	0	0
Patent Search And Analysis Report 3 (PSAR 3)	0	0	0	0
Patent Search And Analysis Report 4 (PSAR 4)	0	0	0	0
Patent Search And Analysis Report 5 (PSAR 5)	0	0	0	0
Design Engineering Canvas (DEC)	0	0	0	0
Project Report	0	0	0	0
Plagiarism Search Report	0	0	0	0
Completion Certificate	0			0

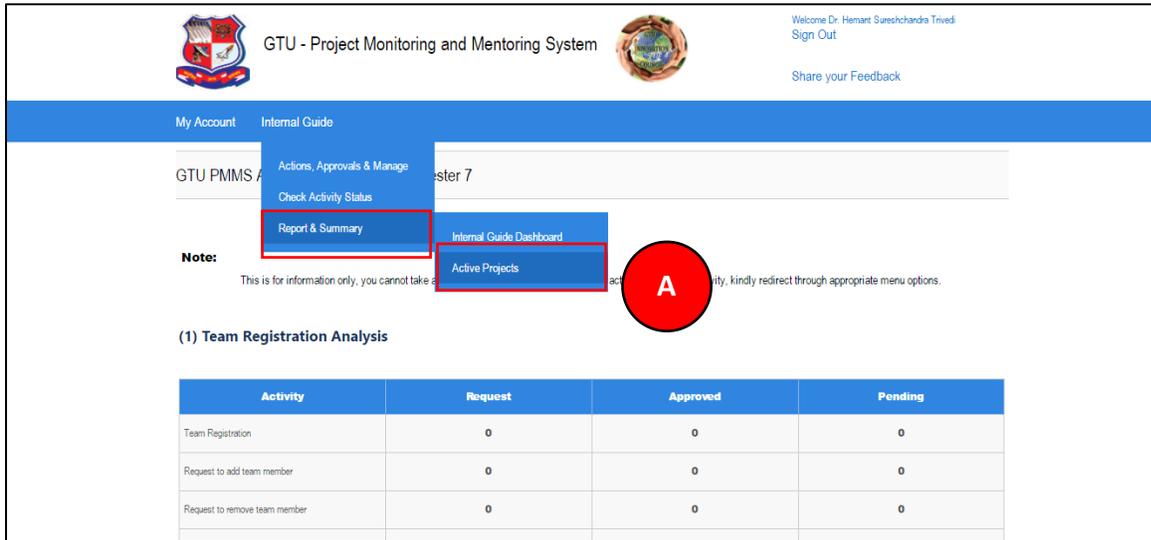
(3) Mentorship Request

Activity	Submitted	Approved	Pending	Rejected
Total Projects Under Mentorship	N/A	0	N/A	N/A
Delete Mentorship Requests	0	0	0	0

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18. Active Projects

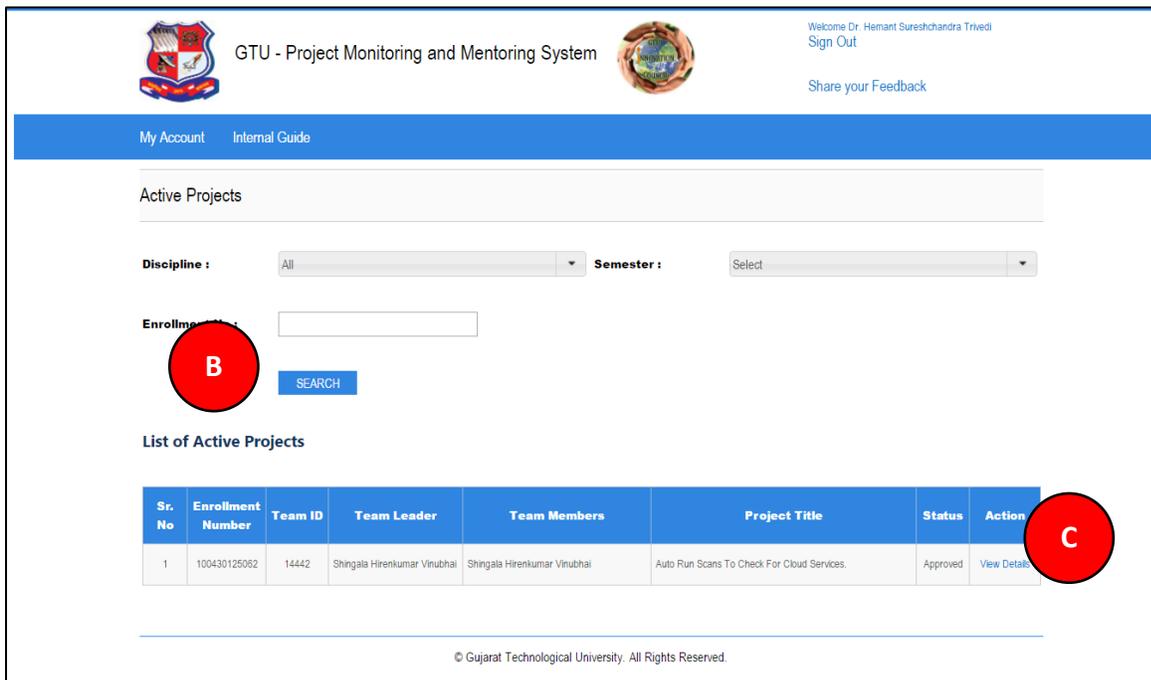
1. Go to Active Projects tab from Internal Guide menu as shown in below screen and all active projects list that are currently under your guidance will be listed.



The screenshot shows the 'Internal Guide' menu with 'Active Projects' highlighted. A red circle 'A' is placed over the 'Active Projects' link. The page header includes the GTU logo, 'GTU - Project Monitoring and Mentoring System', and user information: 'Welcome Dr. Hemant Sureshchandra Trivedi', 'Sign Out', and 'Share your Feedback'. The navigation bar contains 'My Account' and 'Internal Guide'. The 'Internal Guide' dropdown menu is open, showing options: 'Actions, Approvals & Manage', 'Check Activity Status', 'Report & Summary', 'Internal Guide Dashboard', and 'Active Projects'. Below the menu, there is a 'Note' and a table titled '(1) Team Registration Analysis'.

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0

2. Click on Search Button
3. Click on View details link



The screenshot shows the 'Active Projects' page. The page header is the same as the previous screenshot. The navigation bar contains 'My Account' and 'Internal Guide'. The 'Active Projects' section has a search form with 'Discipline' (All), 'Semester' (Select), and 'Enrollment Number' (input field) fields, and a 'SEARCH' button. A red circle 'B' is placed over the 'SEARCH' button. Below the search form is a table titled 'List of Active Projects' with a 'View Details' link highlighted by a red circle 'C'.

Sr. No	Enrollment Number	Team ID	Team Leader	Team Members	Project Title	Status	Action
1	100430125062	14442	Shingala Hirenkumar Vinubhai	Shingala Hirenkumar Vinubhai	Auto Run Scans To Check For Cloud Services.	Approved	View Details

4. You can View Team Profile of the students team under your guidance



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Sign Out

Share your Feedback

My Account
Internal Guide

Team Profile

BACK

Project Details

College Name:	Shantilal Shah Engineering College, Bhavnagar	Department:	Production Engineering
Discipline Code :	BE	Principal:	Head_of_institute_043
Semester:	Semester 7	HOD:	HOD_043_25
		HOD Contact No:	9899238687

Selected Option: Go With Individual And New Project
Project : Create New
Project Category: Disciplinary
Project Type: IIP
Internal Guide: Dr. Hemant Sureshchandra Trivedi (hemant.trivedi@gmail.com)
Team ID: 14442

Project Title: Auto Run Scans To Check For Cloud Services.
Project Abstract: You know how it is: Users add cloud services willy-nilly. Worry not! Now you can discover services on your network previously undetected by Spiceworks, avoid security breaches, save money, and capture SSL certifications and expiration dates, which alert you before a service expires. Also, add legitimate IT cloud services to your Spiceworks inventory (including hosted email services such as Rackspace, Google Apps, or Office 365)
Project Keyword: Cloud Computing , Performance
Year: 2016

External Guide Details

Name:	Dhwani Pradphal Sanghavi	Organization Name:	gtu
Contact No:		Organization Category:	edu
Mobile No:	3243453543	Web Site:	https://www.youtube.com/watch?v=rxMmtstOJCA
Email Id:	dhwani@gtu.edu.in	Area of Expertise:	cloud
Address:	dfdsfd		

Mentor Details

Name:	Designation :
Mobile No:	Area of Expertise :
Email:	Company/Organization/College:
Qualification :	Website :
Specialization :	Reference/Recommended by :

Team Members Details

Sr. No	Enrollment No.	Name	College	Department	Mobile No.	Email
1	100430125062	Shingala Hirenkumar Vinubhai	Shantilal Shah Engineering College, Bhavnagar	Production Engineering	9727745175	ntin@gtu.edu.in

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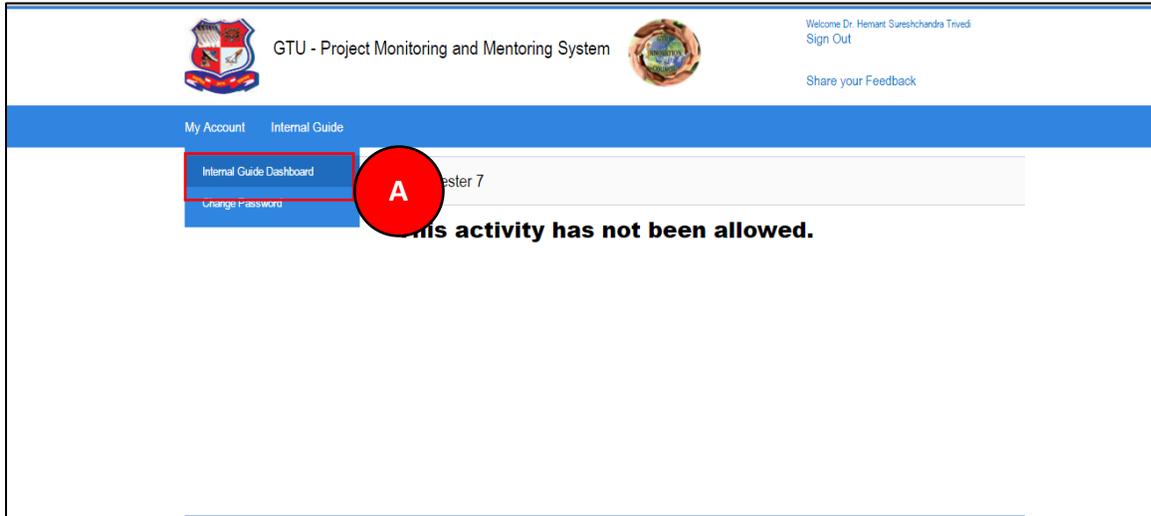
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BE 8 semester

19. Internal Guide Dashboard

1. Go to Internal Guide Dashboard tab from My Account menu as shown in below screen.



2. Dashboard will be displayed


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My Account
Internal Guide

GTU PMMS Activity Dashboard for Semester 8

Note:
 This is for information only, you cannot take any action from this page. For taking any action on particular activity, kindly redirect through appropriate menu options.

(1) Team Registration Analysis

B

Activity	Request	Approved	Pending
Team Registration	0	0	0
Request to add team member	0	0	0
Request to remove team member	0	0	0
Request to change team leader	0	0	0
Request to change internal guide	0	0	0
Request to change external guide	0	0	0

(2) Student Activity

Activity	Submitted	Commented	Reviewed	Pending
Periodic Progress Report 1 (PPR 1)	0	0	0	0
Periodic Progress Report 2 (PPR 2)	0	0	0	0
Periodic Progress Report 3 (PPR 3)	0	0	0	0
Periodic Progress Report 4 (PPR 4)	0	0	0	0
Business Model Canvas (BMC) Image	0	0	0	0
Business Model Canvas (BMC) Report	0	0	0	0
Patent Drafting Exercise (PDE)	0	0	0	0
Project Report	0	0	0	0
Plagiarism Search Report	0	0	0	0
Completion Certificate	0			0

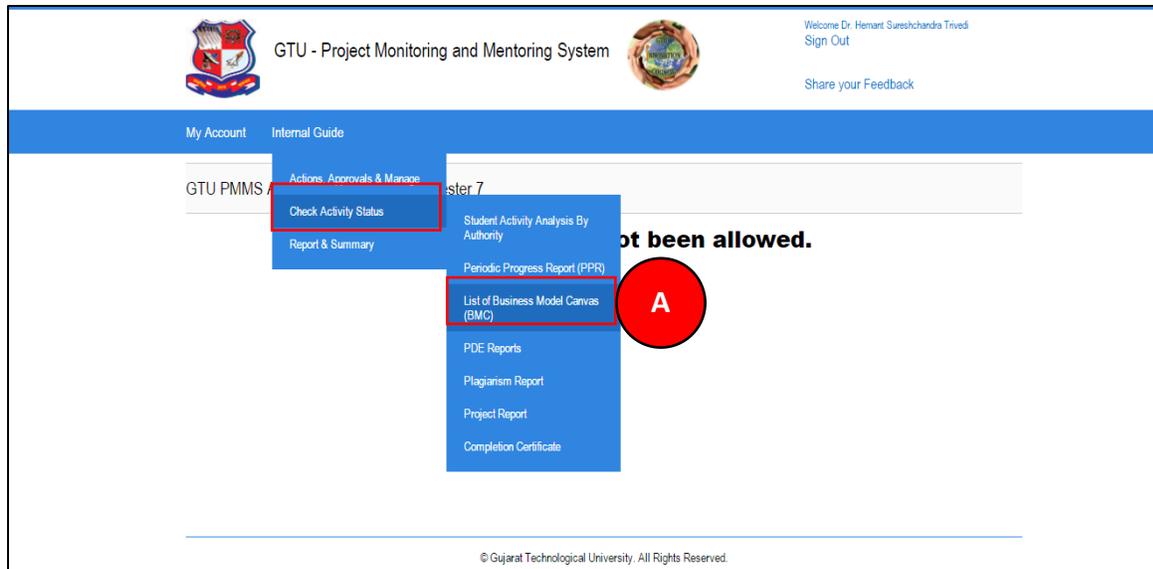
(3) Mentorship Request

Activity	Submitted	Approved	Pending	Rejected
Total Projects Under Mentorship	N/A	0	N/A	N/A
Delete Mentorship Requests	0	0	0	0

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20. List of Business Model Canvas (BMC)

1. Go to List of Business Model Canvas (BMC) tab from Internal Guide menu as shown in below screen.



2. Click on Search Button
3. Click on Review/Comment Link to review/comment your students activity

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My Account Internal Guide

List of Business Model Canvas (BMC)

Discipline : All Semester : Select

Enrollment No.

B SEARCH

List of Business Model Canvas (BMC)

Sr. No	Team ID	Project Title	Department	Status	Last Modified Date	Last Modified By	BMC file	BMC Report	Action
1	14446	Research Agenda In Cloud Technologies	Production Engineering	Submitted	14-07-2016	Shingala Hirenkumar Vinubhai	Download	Download	C Review / Comment

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4. Comment on respective Activity

5. Click SUBMIT COMMENTS/REVIEW Button to respectively comment/review the desired activity

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Business Model Canvas Details

College :	Shantilal Shah Engineering College, Bhavnagar	Discipline :	BE	BACK
Department :	Production Engineering	Semester :	Semester 8	
Project Name :	Research Agenda In Cloud Technologies			
Team ID :	14446			
Last Modified Date:	14-07-2016	Last Modified By:	Shingala Hirenkumar Vinubhai	
Status:	Submitted			

Comments

*Comments by Internal Guide:

D

Note:

Comment: If you click on comment (as per your observations) then it means, student will respond specific to the comment. And so student **CAN** further modify the details, and after which faculty has to **REVIEW** the changes as made by students.

Review: If you click on review, then it means you are satisfied with the work of student and hence it will be finally submitted to university, **NO** further modification will be possible there after.

E

[SUBMIT COMMENTS](#) [REVIEW](#)

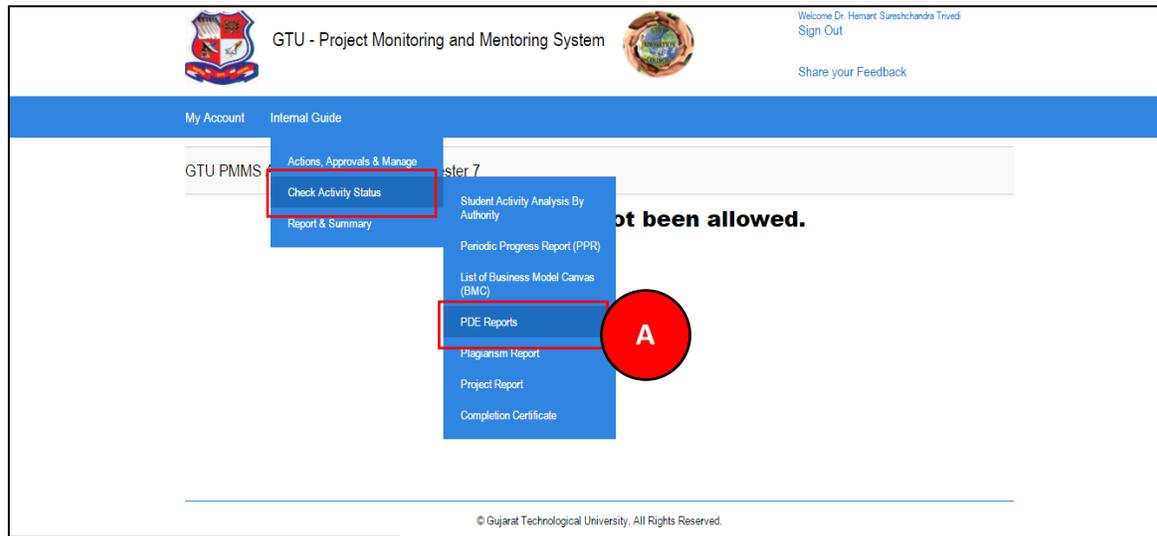
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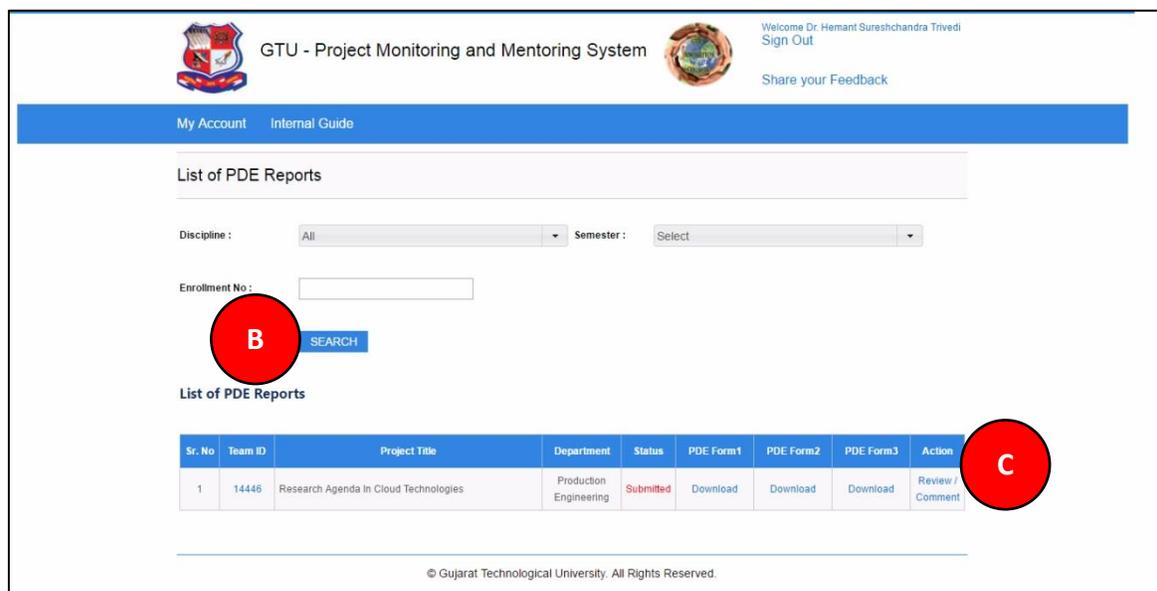
21. PDE Reports

1. Go to List of PDE Reports tab from Internal Guide menu as shown in below screen.



2. Click on Search Button

3. Click on Review/Comment Link to review/comment your students activity



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- 4. Comment on respective Activity**
- 5. Click SUBMIT COMMENTS/REVIEW Button to respectively comment/review the desired activity**

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[My Account](#) | [Internal Guide](#)

PDE Review

College : Shantil Shah Engineering College, Bhavnagar

Department : Production Engineering

Project Name : Research Agenda in Cloud Technologies

Team ID : 14446

Status : Submitted

Discipline : BE

Semester : Semester 6

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Form 1 – APPLICATION FOR GRANT OF PATENT

Applicants :

Sr. No.	Name	Nationality	Address	Mobile No.	Email Id
1	Shingala Hirenkumar Vinubhai	Indian	Production Engineering, Shantil Shah Engineering College, Bhavnagar, Gujarat Technological University	9727745175	nitin@gtu.edu.in
2	Ms. Dhvani Sanghani	Indian	Swasik Flats, Paldi Vasna	9798654485	dhwani@gtu.edu.in

Inventors :

Sr. No.	Name	Nationality	Address	Mobile No.	Email Id
1	Shingala Hirenkumar Vinubhai	Indian	Production Engineering, Shantil Shah Engineering College, Bhavnagar, Gujarat Technological University	9727745175	nitin@gtu.edu.in
2	Mr. Amit Patel	Indian	L. D. College of Engineering, University Area, Ahmedabad, Gujarat 380015	6585485465	ipr_amtp@gtu.edu.in

I/We, the applicant(s) hereby declare(s) that:

- (a) Provisional specification/Complete specification
- (c) Drawings (in confirmation with the international application) as amended before the international Preliminary Examination Authority (IEA), as applicable (2 copies), No. of sheets.
- (d) Statement and undertaking on Form 3

Following are the attachments with the applications :

- I am/We in possession of the above mentioned invention.
- The provisional/complete specification relating to the invention is filed with this application.
- I am/We are the assignee or the legal representative of true & first inventors.

Form 2 - PROVISIONAL/COMPLETE SPECIFICATION

- Title of the project/invention :**
Research Agenda in Cloud Technologies
- Preamble to the description :**
Provisional
- Description**
 - Field of Project / Invention / Application :**
The public Infrastructure-as-a-Service (IaaS) cloud industry has reached a critical mass in the past few years, with many cloud service providers fielding competing services. Despite the competition, some of the security mechanisms offered by the services to be similar, indicating that the cloud industry has established a number of 'best-practices', while other security mechanisms vary widely, indicating that there is also still room for innovation and experimentation. This paper investigates these differences and possible underlying reasons for it. It also contrasts the security mechanisms offered by public IaaS cloud offerings with security mechanisms proposed by academia over the same period.
 - Prior Art / Background of the Project / Invention :**
This paper presents AFROCS, the first system that can automatically uncover the semantics of kernel objects directly from a kernel binary. Based on the principle of data use reveals data semantics, it starts from the execution of system calls (i.e., the user level application interface) and exported kernel APIs (i.e., the kernel module development interface), and automatically tracks how an instruction accesses the kernel object and assigns a bit-vector for each observed kernel object. This bit-vector encodes which system call accesses the object and how the object is accessed (e.g., read, write, create, destroy), from which we derive the meaning of the kernel object based on a set of rules developed according to the general understanding of OS kernels.
 - Summary of the Project / Invention :**
Cloud computing is the latest effort in delivering computing resources as a service. It represents a shift away from computing as a product that is purchased, to computing as a service that is delivered to consumers over the internet from large-scale data centres – or "clouds". Whilst cloud computing is gaining growing popularity in the IT industry, academia appeared to be lagging behind the rapid developments in this field. This paper is the first systematic review of peer-reviewed academic research published in this field, and aims to provide an overview of the swiftly developing advances in the technical foundations of cloud computing and their research efforts. Structured along the technical aspects on the cloud agents, we discuss lessons from related technologies, advances in the introduction of protocols, interfaces, and standards; techniques for modelling and building clouds; and new use-cases arising through cloud computing.
 - Objects of Project / Invention :**
Cloud computing has recently reached popularity and developed into a major trend in IT. While industry has been pushing the Cloud research agenda at high pace, academia has only recently joined, as can be seen through the sharp rise in workshops and conferences focussing on Cloud Computing. Lately, these have brought out many peer-reviewed papers on aspects of cloud computing, and made a systematic review necessary, which analyses the research done and explains the resulting research agenda. We performed such a systematic review of all peer-reviewed academic research on cloud computing, and explain the technical challenges facing in this paper.
 - Drawings :**
 - Description of Project / Invention (Full detail of project) :**
This review surveyed the existing literature using a principled and systematic approach: we searched each of the major research databases for computer science, the ACM Digital Library, IEEE Xplore, SpringerLink, ScienceDirect and Google Scholar, for the following keywords: cloud computing, elastic computing, utility computing, Infrastructure as a Service, IaaS, Platform as a Service, PaaS, Software as a Service, SaaS, Everything as a Service, XaaS. The date range for this search was limited from 2005 until October 2009. This date range was chosen because this survey work was commenced in October 2009, and because all public clouds were launched after 2005. For example, Amazon first launched EC2 (Elastic Compute Cloud) in August 2006 and Google launched App Engine in April 2008. According to Google Trends, the term cloud
 - Examples :**
 - Claims (Not required for Provisional Application) / Unique Features of Project**
This review surveyed the existing literature using a principled and systematic approach: we searched each of the major research databases for computer science, the ACM Digital Library, IEEE Xplore, SpringerLink, ScienceDirect and Google Scholar, for the following keywords: cloud computing, elastic computing, utility computing, Infrastructure as a Service, IaaS, Platform as a Service, PaaS, Software as a Service, SaaS, Everything as a Service, XaaS. The date range for this search was limited from 2005 until October 2009. This date range was chosen because this survey work was commenced in October 2009, and because all public clouds were launched after 2005. For example, Amazon first launched EC2 (Elastic Compute
- Claims**
- Date and signature**
- Abstract of the project / invention :**
This paper surveys the emerging paradigm of cloud mobile media. It discusses two alternative perspectives for cloud mobile media networks: an end-to-end view and a layered view. Summaries of existing research in this area are organized according to the layered service framework.

Comments

Comments by Internal Guide:

Notes:

Review:

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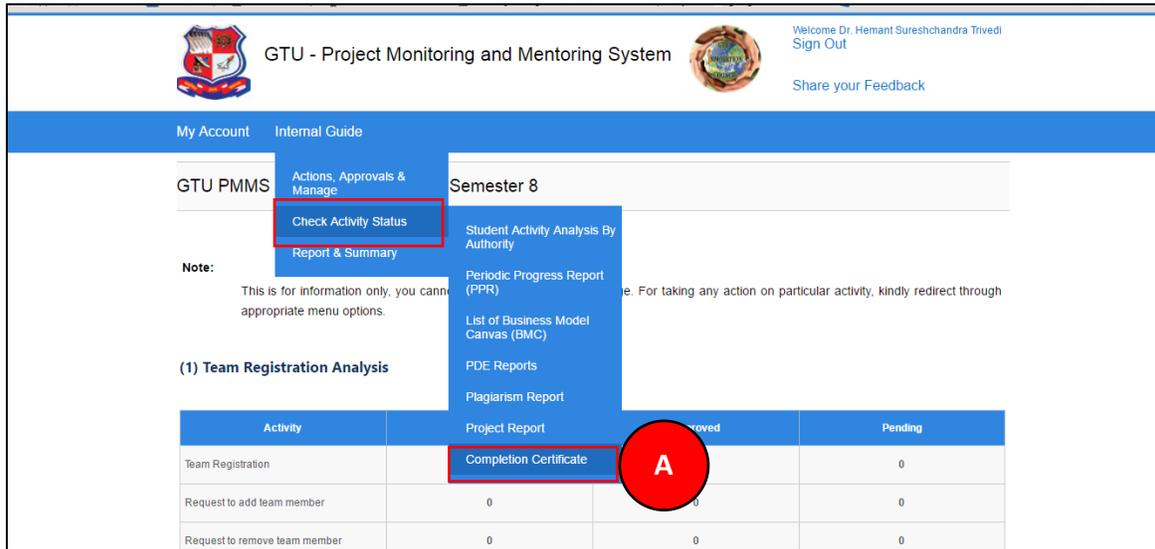
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22. Completion Certificate

1. Go to List of Completion Certificate tab from Internal Guide menu as shown in below screen.



2. Click Search Button
3. Download Certificate of each and every student under you whose all activities have been reviewed by you.

