

# Gujarat Technological University



## Project Monitoring and Mentoring System (PMMS)

### USER MANUAL FOR PRINCIPAL

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# GTU Innovation Council

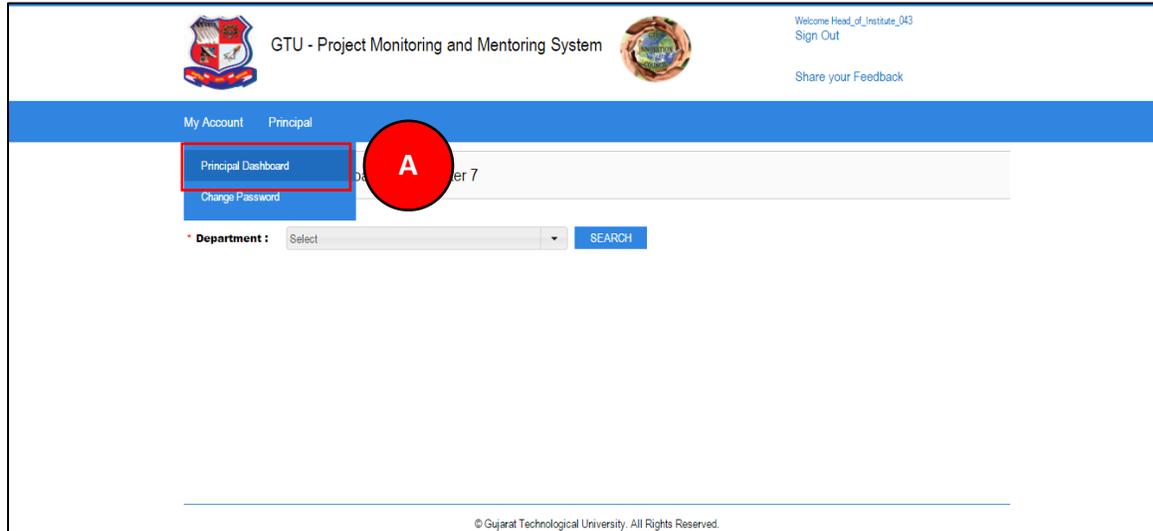
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## 1. Principal Dashboard

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



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## 2. Dashboard will be displayed.



GTU - Project Monitoring and Mentoring System



Welcome Head\_of\_Institute\_043  
Sign Out

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My Account
Principal

GTU PMMS Activity Dashboard for Semester 7

**Department :** Civil Engineering SEARCH

B

**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) Student & Team Registration Analysis**

Activity	Request	Approved	Pending
Student Registration	0	0	0
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

C

**(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**

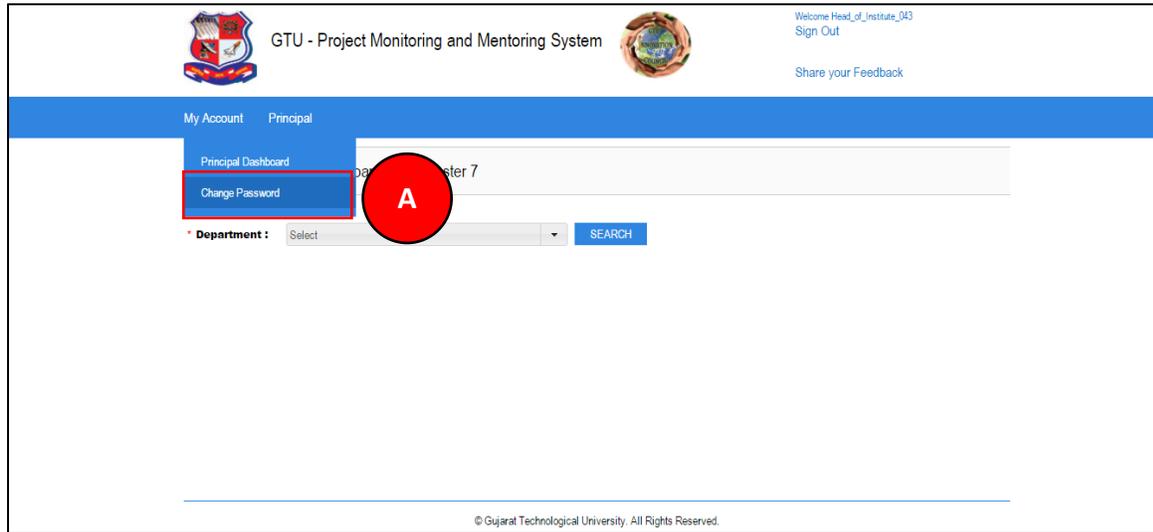
Activity	Submitted	Approved	Pending	Rejected
Total Projects Under Mentorship	N/A	0	N/A	N/A
Delete Mentorship Requests	0	0	0	0

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## 2. Change Password

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



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

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Sign Out

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My Account Principal

Change Password

Note: \* Indicates mandatory field.

**B** Current Password:

\* New Password:

\* Confirm New Password:

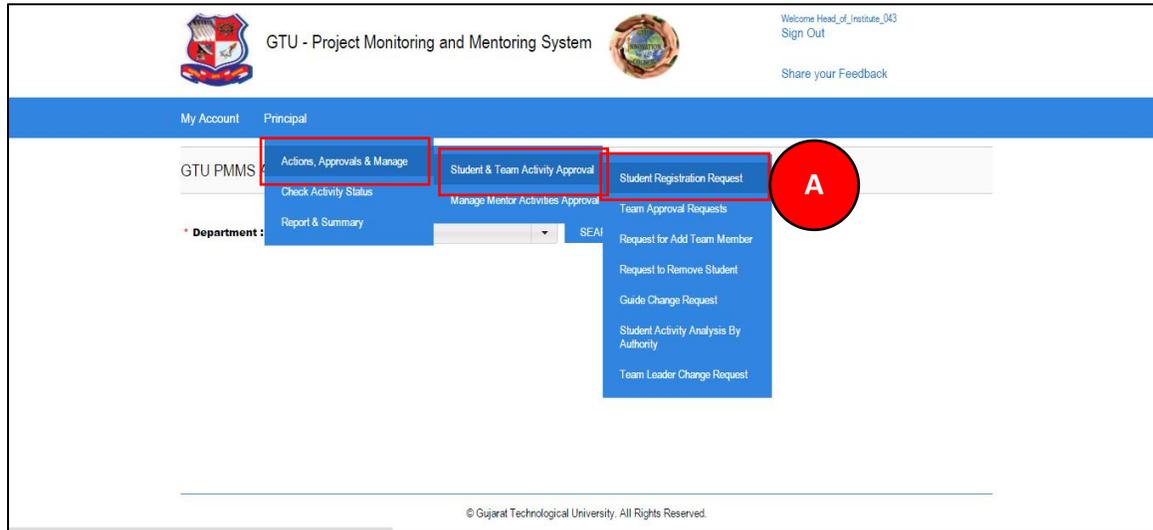
**C** CHANGE PASSWORD CANCEL

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## 3. Student Registration Request

1. Go to Student Registration Request tab from Principal menu as shown in below screen.



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2. Select students you want to approve the request for registration.
3. Approve/Reject the students by selecting the Approve/Reject button.


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My Account
Principal

### Student Registration Request

Discipline:

Department:

Semester:

Enrollment No:

#### Request for Student Registration

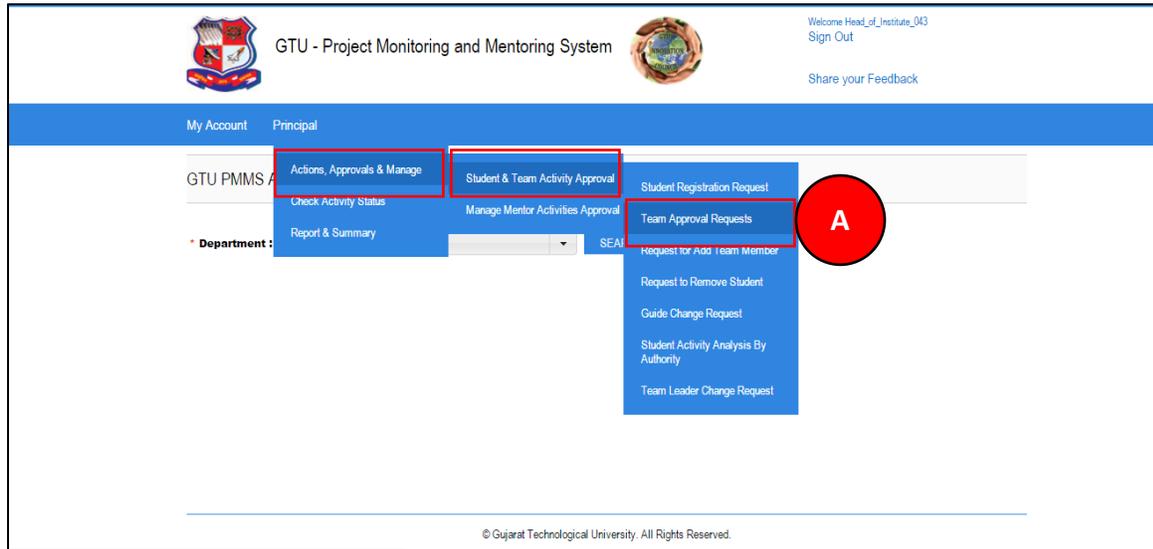
Sl. No	Enrollment Number	Student Name	Email ID	College Name	Department	Status
<input checked="" type="checkbox"/>	130430116001	Aambalya Umesh Gordhanbhai	umeshambalya78@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Information Technology	Pending
<input checked="" type="checkbox"/>	130430125001	Acharya Dhaval Ashokbhai	dhavalacharya007@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	140433125003	Aeshaben Himmatbhai Chauhan	aeshachauhan25@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	130430106003	Ahr Pareshkumar Shamajbhai	apahr11@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Civil Engineering	Pending
<input type="checkbox"/>	130430106004	Ajudiya Kishan Kalubhai	kkajudya@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Civil Engineering	Pending
<input type="checkbox"/>	140433106002	Ambasana Krunakumar Kiribhai	krunalpaer51@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Civil Engineering	Pending
<input type="checkbox"/>	130430116003	Asari Anjanababen Jayantilal	privesacin303@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Information Technology	Pending
<input type="checkbox"/>	120430125118	Babaria Chirag Girishkumar	CHIRAGBABARIA91@GMAIL.COM	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	130430125002	Bafipara Akshay Kumar Ramesh Bhai	akshaybafipara@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	130430106005	Baladania Vijay Kanubhai	vjaybaladania@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Civil Engineering	Pending
<input type="checkbox"/>	130430106006	Baladanya Kanubhai Maganbhai	kanubaladanya1@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Civil Engineering	Pending
<input type="checkbox"/>	130430125004	Baladna Piyush Ashokbhai	piyush.baladna1996@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	130430125092	Bamania Rasikal Bharatbhai	rasikbamania37@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	130430125005	Baraiya Chandreshkumar Naranbhai	chandresh.baraiya.ce@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	130430125006	Baraiya Nirmalbhai Narashibhai	nirmalbaraiya49@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	130430125007	Barvaliya Dilipkumar Ashokbhai	dilipbarvaliya29@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending
<input type="checkbox"/>	120430106088	Basiya Dharmesh Hakubhai	Dharmesh.basiya233@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Civil Engineering	Pending
<input type="checkbox"/>	130430117003	Bavaliya Vipulbhai Pravinbhai	bavaliyavipu999.vb@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Instrumentation & Control Engineering	Pending
<input type="checkbox"/>	130430117004	Bhardwaj Nitin Rajendraprasad	nrbhardwaj.1995@hotmail.com	Shantlal Shah Engineering College, Bhavnagar	Instrumentation & Control Engineering	Pending
<input type="checkbox"/>	130430125008	Bhatt Chandreshkumar Budheshbhai	chandreshbhatt18@gmail.com	Shantlal Shah Engineering College, Bhavnagar	Production Engineering	Pending

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## 4. Team Approval Requests

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



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- 2. Click Search Button
- 3. Click on View Details link

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My Account Principal

Team Approval Requests

Discipline: All Semester: Select

Department: All 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	<b>C</b> View Details

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## 4. View team details

## 5. Approve/Reject team as per your desired

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### Team Profile

#### Project Details

<b>College Name:</b>	Shantilal Shah Engineering College, Bhavnagar	<b>Department:</b>	Production Engineering
<b>Discipline Code :</b>	BE	<b>Principal:</b>	Head_of_Institute_043
<b>Semester:</b>	Semester 7	<b>HOD:</b>	HOD_043_25
		<b>HOD Contact No:</b>	9428222357
<b>Selected Option:</b>	Go With Individual And New Project		
<b>Project :</b>	Create New		
<b>Project Category:</b>	Disciplinary		
<b>Project Type:</b>	IDP		
<b>Internal Guide:</b>	Mr. Vinay Ashokbhai Parikh ( parikhvinay2000@yahoo.co.in )		
<b>Project Title:</b>	The Frequency Of Antibiotic Resistant E. Coli In Ailimentary Tracts		
<b>Project Abstract:</b>	The title of my project is called On Your March, Get Set, Rust! The purpose of my experiment was to find out if salt water rusts nails faster than freshwater and which type of nails, galvanized or common will rust quickly. The procedure involved sanding ten galvanized and common nails. The nails were placed in glass jars and added with 150mL of water mixed with 15mL 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 resolves 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.		
<b>Project Keyword:</b>	Galvanized , Saltwater		
<b>Year:</b>	2016		

#### External Guide Details

<b>Name:</b>	Dhwani Sanghvi	<b>Organization Name:</b>	GTU
<b>Contact No:</b>		<b>Organization Category :</b>	Education
<b>Mobile No:</b>	4654646546	<b>Web Site:</b>	
<b>Email Id:</b>	dhwani@gtu.edu.in	<b>Area of Expertise :</b>	Cloud Computing
<b>Address:</b>	R/2,Swastik Appt, Vasna		

#### 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	6456465465	dhwani2011@gmail.com

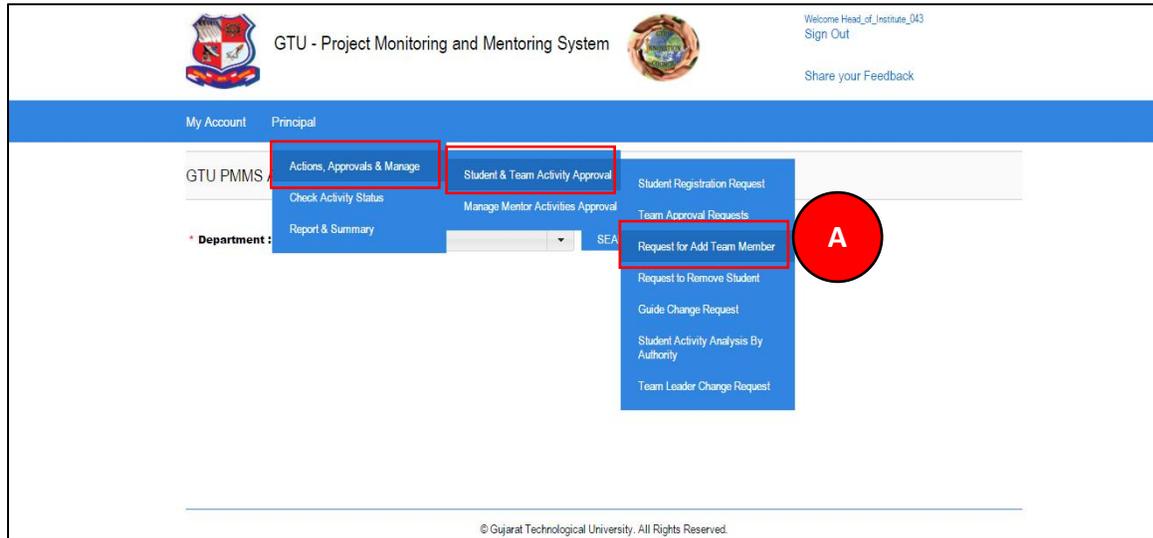
D  
E  
[APPROVE](#) [REJECT](#) [COMMENT](#)

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## 5. Request for Add Team Member

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



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

Request for Add Team Member

Discipline:  Semester:

Enrollment No:

**B**

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 Santlal	Production Engineering	Orbitly	Pending	<a href="#">Approve</a>   <a href="#">Reject</a>

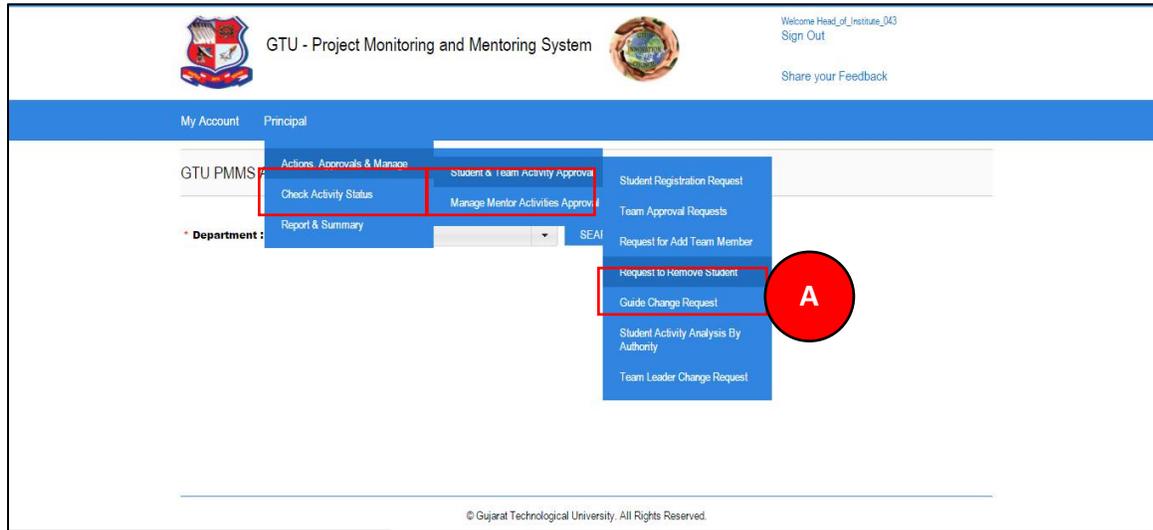
**C**

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## 6. Student Removal Request

1. Go to Student Removal Request tab from Principal menu as shown in below screen.



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2. Click Search button
3. Approve/Reject Request to Remove Students submitted by Team Leader of the team under your guidance

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### Student Removal Request

Discipline:  Semester:

Enrollment No:

**B**

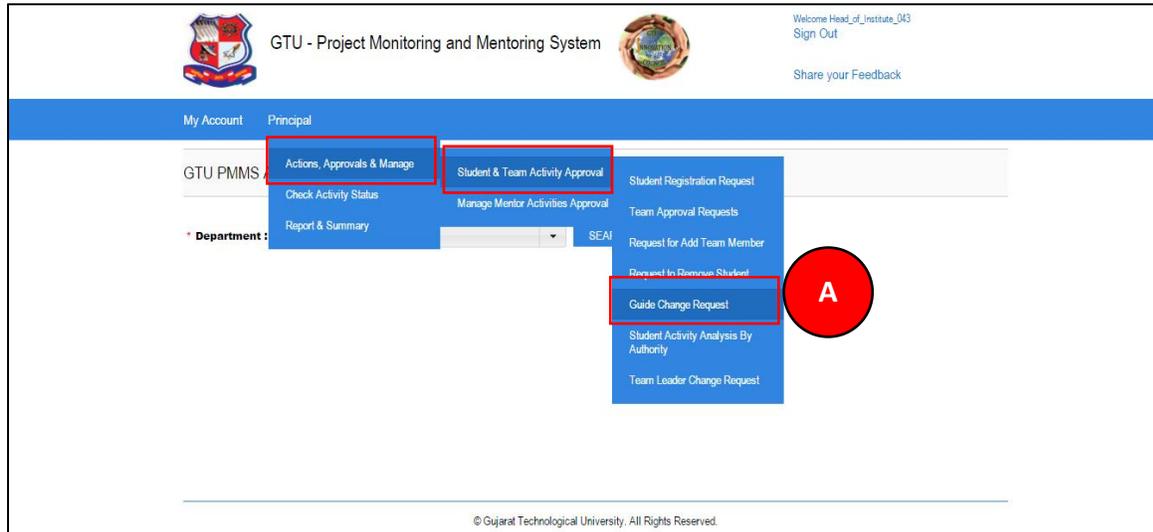
#### List of Request for Student Removal

Sr. No	Team ID	Enrollment No	Student Name	Department	Project Title	Status	Action
1	14449	110430125046	Baraiya Gautambhai Ambarambhai	Mechanical Engineering	Audio Guidance System For The Blind With Circuit Diagram (Electronics Project)	Pending	<b>C</b> <a href="#">Approve</a>   <a href="#">Reject</a>

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## 7. Guide Change Request

1. Go to Guide Change Request tab from Principal menu as shown in below screen.



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2. Select Guide(Internal/External) type
3. Click Search Button
4. Approve/Reject to Guide Change Request submitted by Team Leader of the team under your guidance

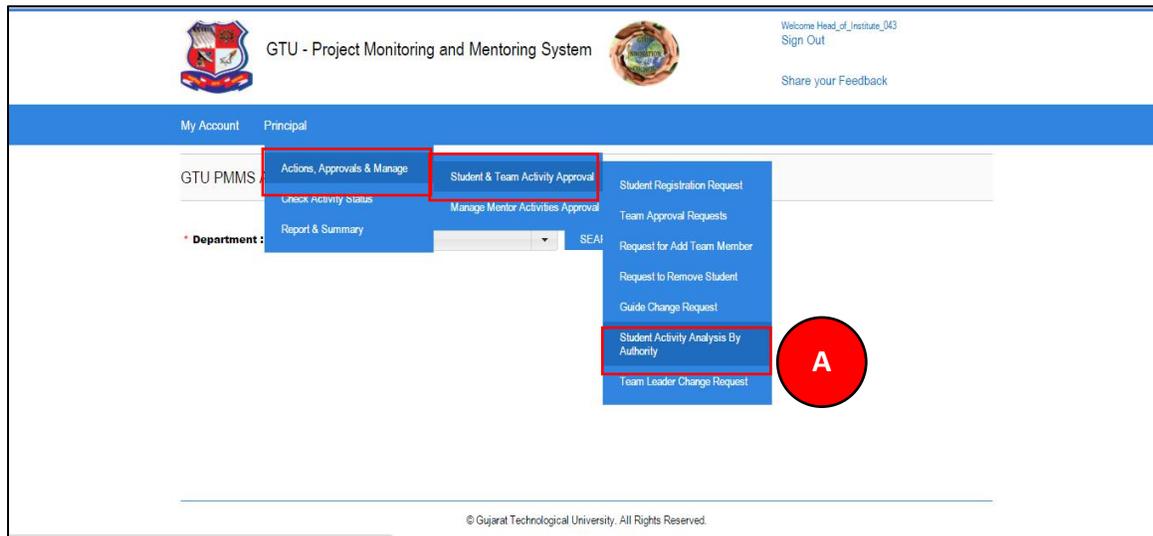
The screenshot displays the 'GTU - Project Monitoring and Mentoring System' interface. At the top, there is a navigation bar with 'My Account' and 'Principal' links. Below this is a search bar for 'Guide Change Request'. The form includes dropdown menus for 'Discipline' (set to 'All'), 'Semester' (set to 'Select'), 'Department' (set to 'Select'), and 'Guide Type' (set to 'Internal Guide'). A blue 'SEARCH' button is located below the 'Department' dropdown. A red circle labeled 'B' is positioned to the right of the 'Semester' dropdown, and another red circle labeled 'C' is positioned to the left of the 'SEARCH' button. Below the search bar is a section titled 'List of Guide Change Request' containing a table with the following data:

Sr No.	Project Title	Department	Current Guide	Requested Guide	Status	Approved By	Action
1	Siriy	Production Engineering	Dr. Hemant Sureshchandra Trivedi	HOD_043_25	Pending	-	Approve   Reject

A red circle labeled 'D' is positioned to the right of the table.

## 8. Student Activity Analysis by Authority

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



## **GTU Innovation Council**

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

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GTU - Project Monitoring and Mentoring System



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Sign Out

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[My Account](#) [Principal](#)

## Student Activity Analysis By Authority for Semester 7

\* Enrollment No:

[SEARCH](#)

**B**

Note : \* Indicates mandatory field.

### (1) Team Formation Status

Activity	Status
Is Team registered?	Yes
Is Team approved?	Yes

### (2) Student Activity Status

**C**

Activity	Submitted	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		No	

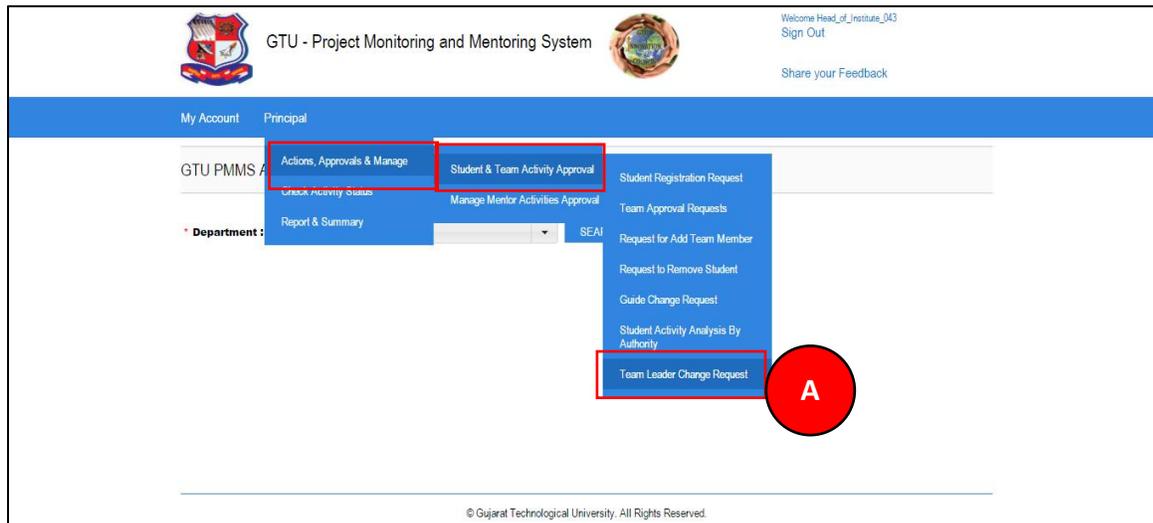
### (3) Additional activity Status

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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## 9. Team Leader Change Request

1. Go to Student Team Leader Change Request tab from Principal menu as shown in below screen.



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2. Click Search Button

3. Approve/Reject the list of all Requests to Change Team Lead

The screenshot displays the 'GTU - Project Monitoring and Mentoring System' interface. At the top, there is a header with the university logo, the system name, a user profile picture, and a welcome message: 'Welcome Head\_of\_Institute\_043'. Below the header, there are links for 'Sign Out' and 'Share your Feedback'. A blue navigation bar contains 'My Account' and 'Principal'. The main content area is titled 'Team Leader Change Request' and includes search filters for 'Discipline' (set to 'All'), 'Semester' (set to 'Select'), 'Department' (set to 'All'), and 'Enrollment No.'. A red circle labeled 'B' highlights the 'SEARCH' button. Below the filters is a section titled 'List of Request for Change Team Leader' containing a table with the following data:

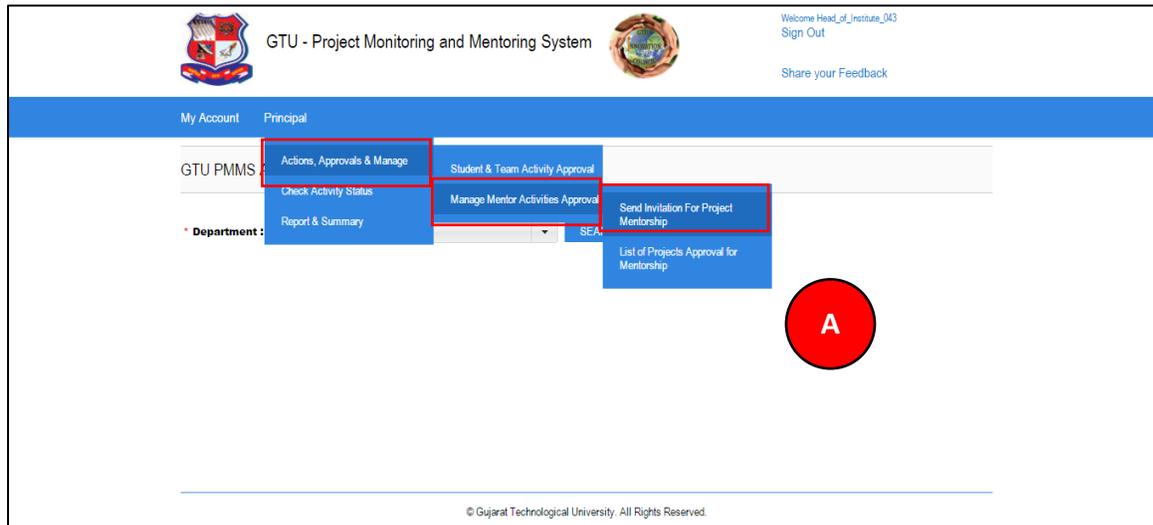
Sr. No	Team ID	Enrollment No	Student Name	Department	Project Title	Status	Action
1	14449	120010116059	Shingala Hirenkumar Vinubhai	Mechanical Engineering	Audio Guidance System For The Blind With Circuit Diagram (Electronics Project)	Pending	Approve   Reject

A red circle labeled 'C' highlights the 'Approve | Reject' link in the 'Action' column of the table. At the bottom of the page, there is a copyright notice: '© Gujarat Technological University. All Rights Reserved.'

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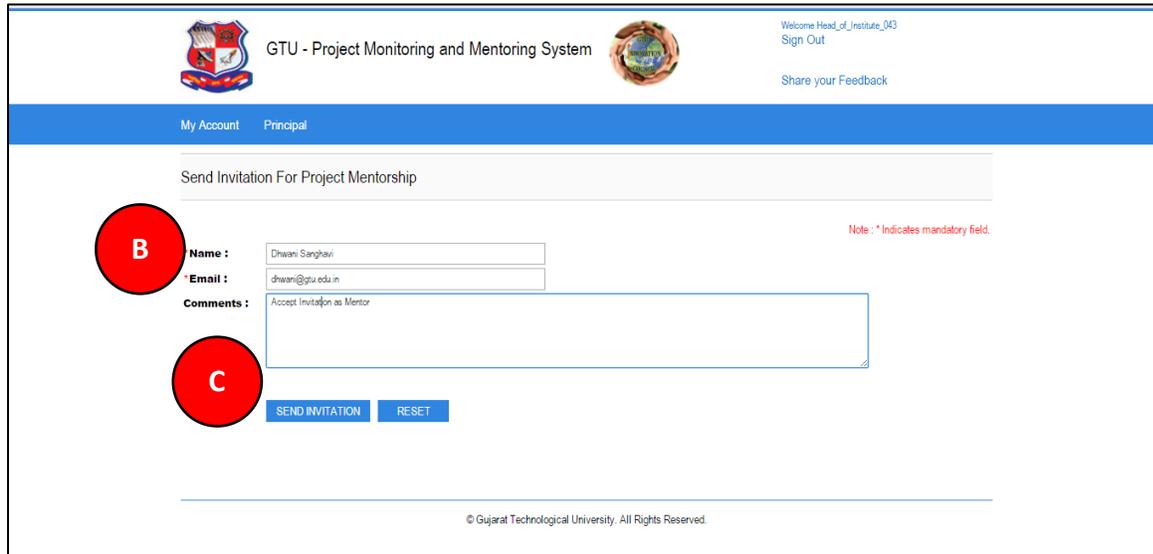
## 10. Send Invitation for Project Mentorship

1. Go to Send Invitation for Project Mentorship tab from HOD menu as shown in below screen.



# GTU Innovation Council

2. Fill the form for sending mentorship request
3. Click on SEND REUEST button



The screenshot displays the 'GTU - Project Monitoring and Mentoring System' interface. At the top, there are logos for GTU and the system, along with user information: 'Welcome Head\_of\_Institute\_043', 'Sign Out', and 'Share your Feedback'. Below this is a navigation bar with 'My Account' and 'Principal' links. The main content area is titled 'Send Invitation For Project Mentorship'. It contains a form with the following fields:

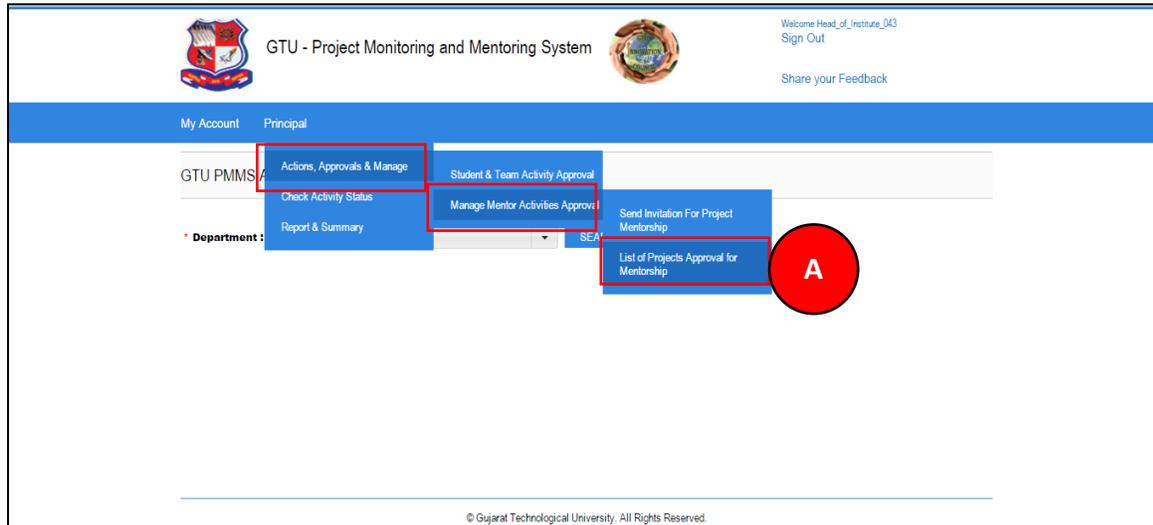
- Name :** A text input field containing 'Dhwani Sanghani'. A red circle labeled 'B' is positioned to the left of this field.
- Email :** A text input field containing 'dhwani@gtu.edu.in'.
- Comments :** A text area containing 'Accept Invitation as Mentor'. A red circle labeled 'C' is positioned to the left of this field.

At the bottom of the form, there are two buttons: 'SEND INVITATION' and 'RESET'. A note on the right side of the form states: 'Note : \* Indicates mandatory field.' At the very bottom of the page, there is a copyright notice: '© Gujarat Technological University. All Rights Reserved.'

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## 11. List of Projects Approval for Mentorship

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



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## 2. Click on Search Button

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My Account Principal

List of Projects Approval for Mentorship

Discipline: All Semester: Select

Department: All Enrollment No: |

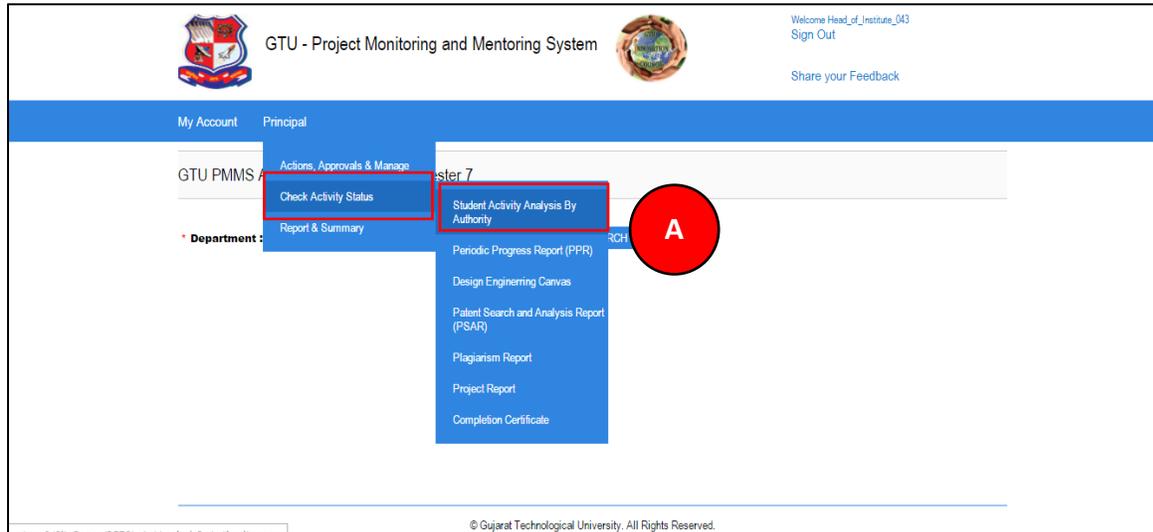
**B** SEARCH

We do not find any Projects for Mentorship

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## 12. Student Activity Analysis by Authority

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



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

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---

My Account Principal

---

### Student Activity Analysis By Authority for Semester 7

**Enrollment No.**

Note : \* Indicates mandatory field.

**(1) Team Formation Status**

Activity	Status
Is Team registered?	Yes
Is Team approved?	Yes

**(2) Student Activity Status**

Activity	Submitted	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		No	

**(3) Additional activity Status**

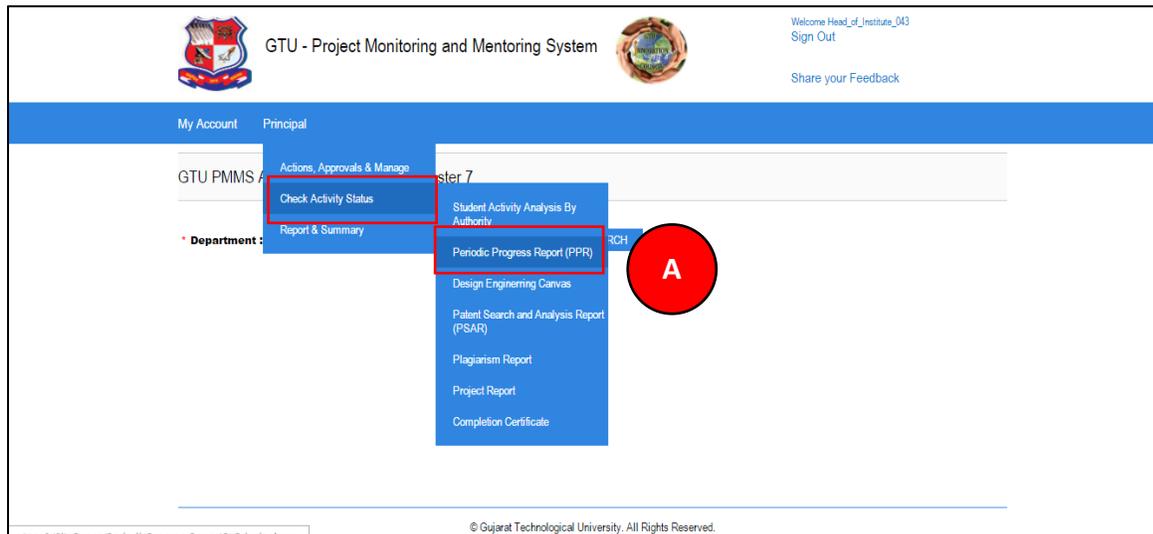
Additional activity	Status
Request to add team member	
Request to remove team member	
Request to change team leader	
Request to change internal guide	

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## 13. Periodic Progress Report (PPR)

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



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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 Principal

---

Periodic Progress Report (PPR) details for Principal

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:**  **Semester :**

**Department :**  **\*Enrollment No :**

**C**  **B**

List of Periodic Progress Report (PPR)

Sr. No	Enrollment No.	Student Name	Project	Department	PPR Count, Pending for Review	Reviewed PPR Count	Action
1	100430125062	Shingala Hirenkumar Vinubhai	Stirty	Production Engineering	1	0	<a href="#">View</a>

**D**

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## 5. Click on View Details Link to your students activity



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Periodic Progress Report (PPR)

**Enrollment No :** 100430125062      **College :** Shantil Shah Engineering College, Bhavnagar      [BACK](#)

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

**Mobile No :** 9727745175      **Discipline :** BE

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

**Project :** Story

Sr. No	PPR	Date of Submission	Time Interval	Status	
1	First PPR	07/11/2016	-	Submitted	<a href="#">View Details</a>

[BACK](#)

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## **GTU Innovation Council**

- 6. Fill desired Comments on Activity**
- 7. 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 :** ntrn@gtu.edu.in  
**Project :** Strty

**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	<a href="#">View Details</a>

### 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 on-line 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 Principal:

F

COMMFNTNS

G

[SUBMIT COMMENTS](#)

[REVIEW](#)

#### 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 their after.

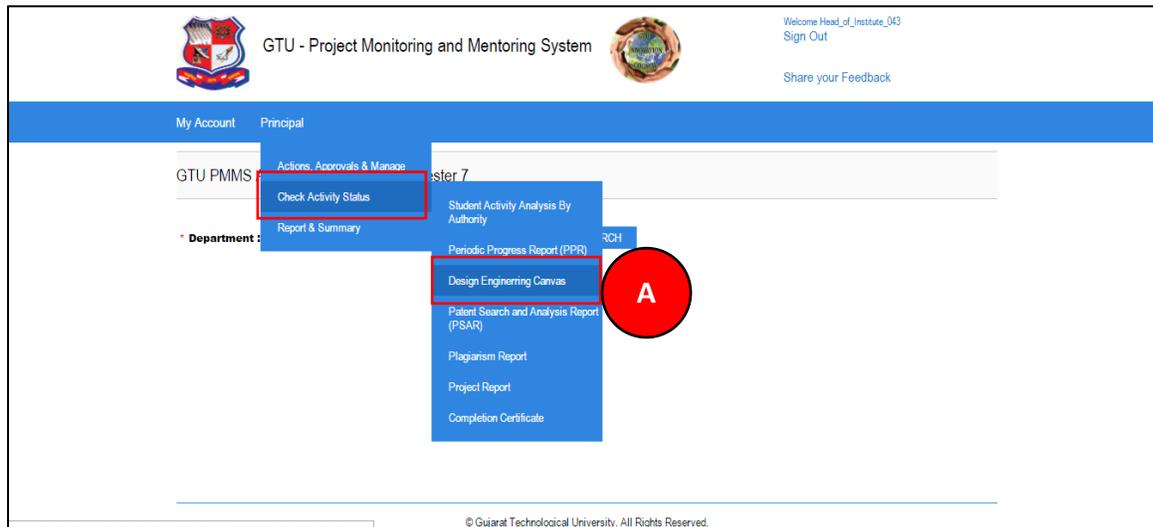
[BACK](#)

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# GTU Innovation Council

## 14. Design Engineering Canvas

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



## 2. Read all the instructions and Click on PROCEED Button

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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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# GTU Innovation Council

3. Click On Search Button

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

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List of Design Engineering Canvas (DEC)

Discipline: All Semester: Select

Department: All Enrollment No:

**C** SEARCH

**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	Story	Production Engineering	Submitted	Download	Download	Download	Download	Review / Comment
2	14443	Dfdidfg	Production Engineering	Pending	-	-	-	-	-

**D**

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## **GTU Innovation Council**

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

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## Design Engineering Canvas Details

[BACK](#)

<b>College :</b>	Shantilal Shah Engineering College, Bhavnagar	<b>Discipline :</b>	BE
<b>Department :</b>	Production Engineering	<b>Semester :</b>	Semester 7
<b>Project Name :</b>	Sorry		
<b>Team ID :</b>	14442		
<b>Last Modified Date:</b>	11-07-2016	<b>Last Modified By:</b>	Shingala Hirenkumar Vinubhai
<b>Status:</b>	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 ISYI 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

E

### Comments

**Comments by Principal:** verified

F

#### 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.

G

[SUBMIT COMMENTS](#)

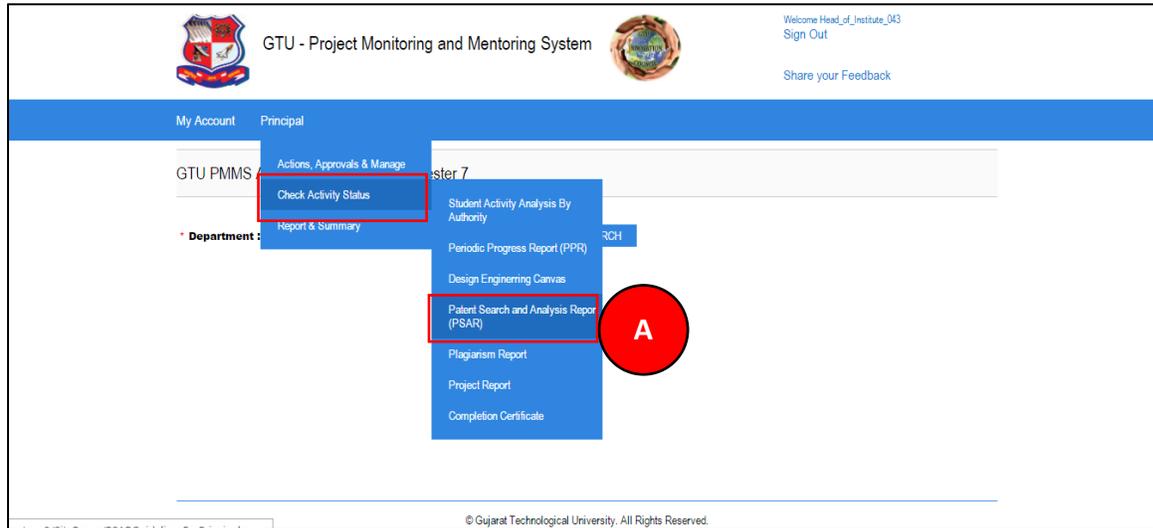
[REVIEW](#)

[BACK](#)

# GTU Innovation Council

## 15. PSAR

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



## 2. Read all the instructions and Click on PROCEED Button



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### 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	<a href="http://ipindiaservices.gov.in/publicsearch/">http://ipindiaservices.gov.in/publicsearch/</a>
2	European Patent Office Database (Espacenet)	<a href="http://worldwide.espacenet.com/advancedSearch">http://worldwide.espacenet.com/advancedSearch</a>
3	WIPO Patent Database (PATENTSCOPE)	<a href="http://patentscope.wipo.int/search/en/search.jsf">http://patentscope.wipo.int/search/en/search.jsf</a>
4	US patent database (USPTO)	<a href="http://patft.uspto.gov/">http://patft.uspto.gov/</a>
5	Google Patents	<a href="https://patents.google.com/">https://patents.google.com/</a>
6	Free Patents Online	<a href="http://www.freepatentsonline.com/">http://www.freepatentsonline.com/</a>
7	Directory of Country Wise Intellectual Property Offices	<a href="http://www.wipo.int/directory/en/urls.jsp">http://www.wipo.int/directory/en/urls.jsp</a>

*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 it.


PROCEED

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# GTU Innovation Council

3. Enter desired Enrollment number
4. Click on Search Button
5. Click on Review/Comment Link to review/comment your students activity

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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: All Semester: Select

Department: All \*Enrollment No: 100430125062

SEARCH

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 Virubhai	Stirly	Production Engineering	2	0	Review / Comment

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6. Click on View details link
7. Fill Comment as per desired
8. Click SUBMIT COMENTS/REVIEW Button to respectively comment/review the desired activity

# GTU Innovation Council


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### Patent Search and Analysis Report (PSAR) Details

**Enrollment No.:** 10043012002  
**Student Name:** Shrigata Prithvishar Vrudhar  
**Mobile No.:** 9527745170  
**Email:** rshri@gtu.edu.in

**Project Name:** Sony  
**Team ID:** 14442

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

[BACK](#)

Sr. No.	Patent No.	Date of Submission	Status	Download	Action
1	125567	07/11/2016	Submitted	Download	View Details
2	21432854	07/11/2016	Submitted	Download	View Details

**Part - I : PATENT SEARCH TECHNIQUE USED**

1. Patent Search Database Used : India Patent Office database
2. Web link of the Database : <http://ipdb.services.gov.in/publicsearch/>
3. Reports Used for Search : Patent Search 2 patent 3 patent
4. Search String Used : 12

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

5. Category/Field of Invention : Mechanical
6. Invention in Relation to Class of Invention : CLOUD COMPUTING
7. IPC Class of the patented patent : G06F
8. Title of Invention : Cloud Computing provides us means by which we can access the applications as utilities over the internet
9. Patent No. : 125567
10. Application No. : 2016-12
11. Web link of the patented patent : <http://www.ipdb.in/results.asp>
12. Date of Filing/Application : 11/07/2016
13. Priority Date : 06/07/2016
14. Publication/Journal Number - (Issue No. of Journal in which Patent is published) :
15. Publication Date :
16. First Filled Country :
17. Also Published as

Country	Patent No.
Algeria	125567

18. Inventor

Name of Inventor	Address/City/Country of Inventor
MR. SHRIGATA	VAHATA

19. Applicant

Name of Applicant/Assignee	Address/City/Country of Applicant
MR. AMITA	PRINHALDASHCOL

20. Applicant for Patent is :

**PART - III : TECHNICAL PART OF PATENTED INVENTION**

21. Limitation of Prior Technology/Art : Before proceeding with the tutorial, you should have basic knowledge of Computers, Internet, Database and Networking concepts.
22. Specific Problem Solved/Objective of Invention : Cloud Computing Tutorial with high and 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 developed for beginners and professionals.
23. 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 famous 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 MacChino, Chatter, Google Apps for business, and Quickbooks.
24. 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 famous 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 MacChino, Chatter, Google Apps for business, and Quickbooks.
25. 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 famous 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 MacChino, Chatter, Google Apps for business, and Quickbooks.
26. Number of Claims : 45
27. Patent Status : Published Application
28. How much this invention is related with your IDP/ADPT : 41 %

**Invention to Improve**

29. 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 famous 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 MacChino, Chatter, 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 - Description in brief?

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

**Comments**

Comment

[BACK](#)

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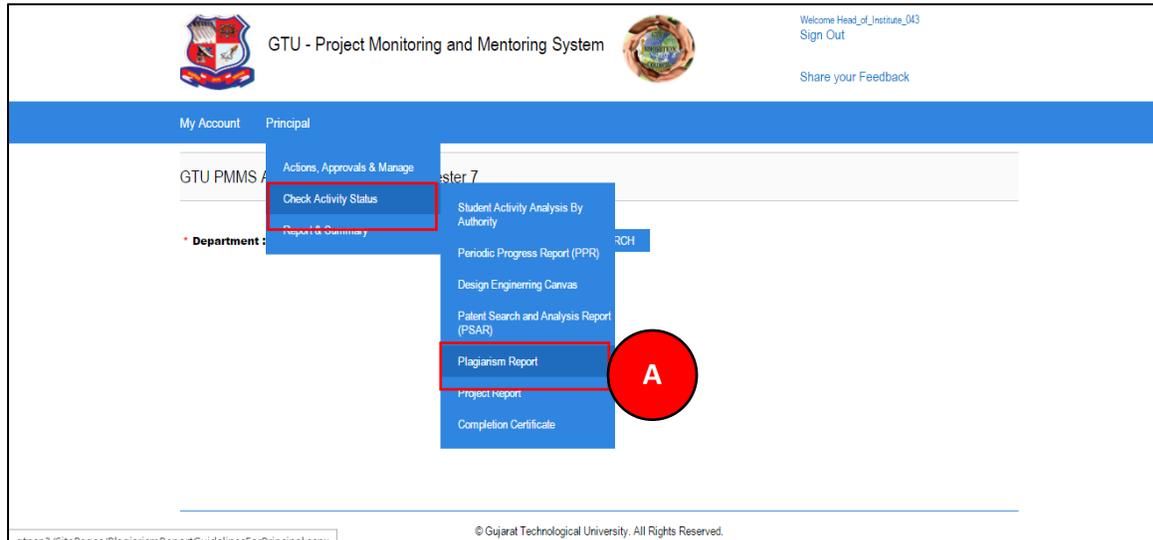
F

G

H

## 16. Plagiarism Report

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



## 2. Read all the instructions and Click on PROCEED Button



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### 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 plagiarisms 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	<a href="http://www.scannymessay.com/">http://www.scannymessay.com/</a>
2	Plagium	<a href="http://www.plagium.com/">http://www.plagium.com/</a>
3	Plagiarisma.net	<a href="http://plagiarisma.net/">http://plagiarisma.net/</a>
4	PlagScan	<a href="http://www.plagscan.com/seesources/">http://www.plagscan.com/seesources/</a>
5	CopyScape	<a href="http://www.copyscape.com/">http://www.copyscape.com/</a>
6	JPlag -KIT	<a href="https://plag.jpd.kit.edu/">https://plag.jpd.kit.edu/</a>
7	DOC Cop	<a href="https://www.doccop.com/index.html">https://www.doccop.com/index.html</a>
8	Duplichecker	<a href="http://www.duplichecker.com/">http://www.duplichecker.com/</a>
9	Dustball	<a href="http://www.dustball.com/cs/plagiarism-checker/">http://www.dustball.com/cs/plagiarism-checker/</a>
10	Plagiarism detect	<a href="http://www.plagiarism-detect.com/">http://www.plagiarism-detect.com/</a>
11	PaperRater	<a href="http://www.paperater.com/">http://www.paperater.com/</a>
12	Free Online Plagiarism Software	<a href="http://plagiarismsoftware.org/">http://plagiarismsoftware.org/</a>
13	OAPS	<a href="http://oaps.eu/">http://oaps.eu/</a>
14	Woopyfind	<a href="http://plagiarism.bloomfieldmedia.com/?z=wordpress/software/woopyfind/">http://plagiarism.bloomfieldmedia.com/?z=wordpress/software/woopyfind/</a>

Students are required to attach such plagiarisms 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 their after.

**Role of Internal Guide/HOD/Principal:**

- Make students aware about the **objective** of this activity.
- Internal guide must has to **verify** the uploaded plagiarisms 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.


PROCEED

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

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### Plagiarism Report

**Discipline:**  **Semester :**

**Department :**  **Enrollment No :**

[SEARCH](#)

#### 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	1442	Story	Production Engineering	Plagiarisma Net	21	Plagiarisma Net: Plagiarism Checker	11-07-2016	Shingala Hirenkumar Vinubhai	Submitted	Download	Review / Comment
2	1443	Dfakdfg	Production Engineering	-	-	-	-	-	Pending	-	-

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# GTU Innovation Council

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

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### Plagiarism Report Details

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

**Project Title :** Story  
**Team ID :** 14442

**WebsiteName:** Plagiarisma.Net: Plagiarism Checker      **Web Site :** http://plagiarisma.net/  
**Plagiarism Percentage:** 21      **Unique Plagiarism Percentage:** 21  
**Last Modified Date:** 11-07-2016      **Last Modified By:** Shingala Hirenkumar Vinubhai  
**Status:** Submitted

**Comments**

**\* Comments by Principal:** reviewed

**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 then after.

**Buttons:** **D** (red circle), **E** (red circle), **SUBMIT COMMENTS**, **REVIEW**, **BACK**

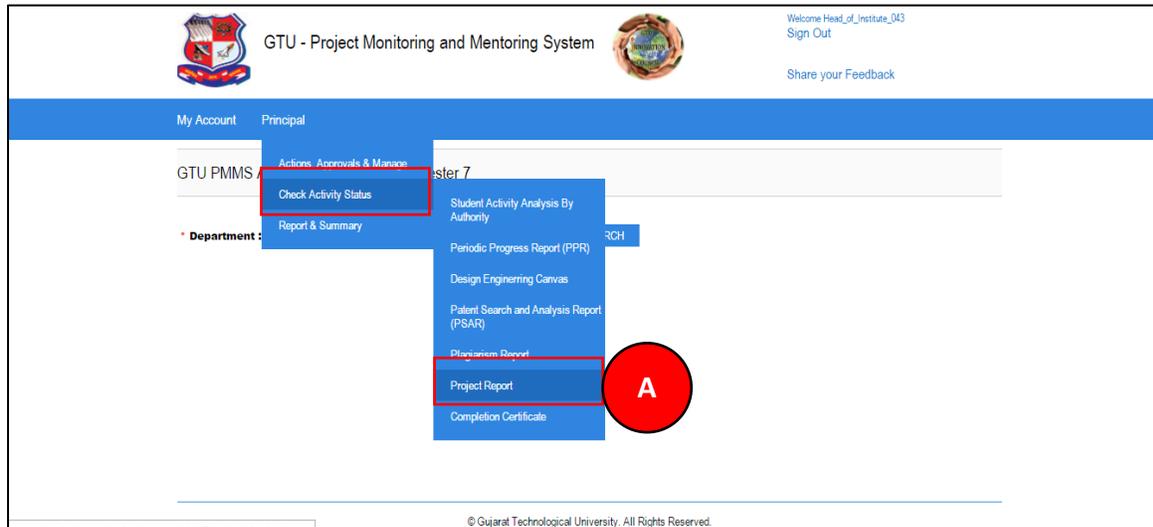
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# GTU Innovation Council

## 17. Project Report

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



## 2. Read all the instructions and Click on PROCEED Button

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### 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 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.

Review the uploaded project report files as submitted by student teams, give your Review/Comments and submit [Feedback form](#).

PROCEED 

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# GTU Innovation Council

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

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**Discipline:**  **Semester :**

**Department :**  **Enrollment No :**

**List of Project Report**

Sr. No	Team ID	Project Title	Department	Last Modified Date	Last Modified By	Status	Download	Action
1	14442	Story	Production Engineering	11-07-2015	Shingala Hirenkumar Vinubhai	Submitted	Download	Review / Comment
2	14443	Dfdfdg	Production Engineering	-	-	Pending	-	-



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# GTU Innovation Council

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

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### Plagiarism Report Details

[BACK](#)

<b>College :</b>	Shantilal Shah Engineering College, Bhavnagar	<b>Discipline :</b>	BE
<b>Department :</b>	Production Engineering	<b>Semester :</b>	Semester 7
<b>Project Title :</b>	Story		
<b>Team ID :</b>	14442		
<b>WebsiteName:</b>	Plagiarisma.Net: Plagiarism Checker	<b>Web Site :</b>	http://plagiarisma.net/
<b>Plagiarism Percentage:</b>	21	<b>Unique Plagiarism Percentage:</b>	21
<b>Last Modified Date:</b>	11-07-2016	<b>Last Modified By:</b>	Shingala Hirenkumar Vinubhai
<b>Status:</b>	Submitted		

### Comments

**\* Comments by Principal:**

**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 then after.

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

[BACK](#)

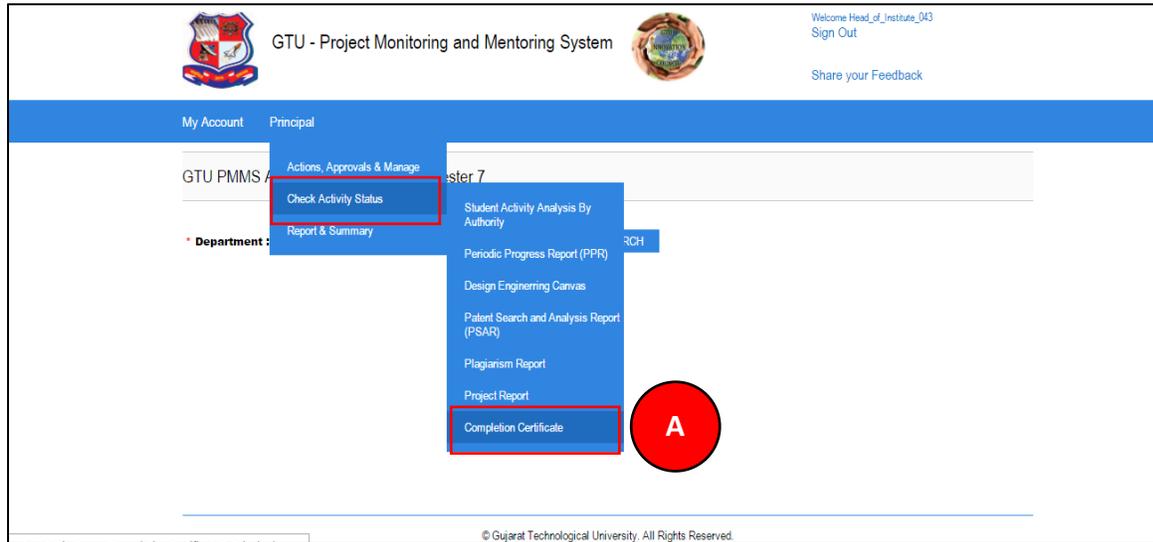
---

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# GTU Innovation Council

## 18. Completion Certificate

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



# GTU Innovation Council

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

GTU - Project Monitoring and Mentoring SystemWelcome Head\_of\_Institute\_043  
Sign Out  
Share your Feedback

[My Account](#) [Principal](#)

List of Completion Certificate

**Discipline:**  **Semester :**

**Department:**  **Enrollment No :**

**B**

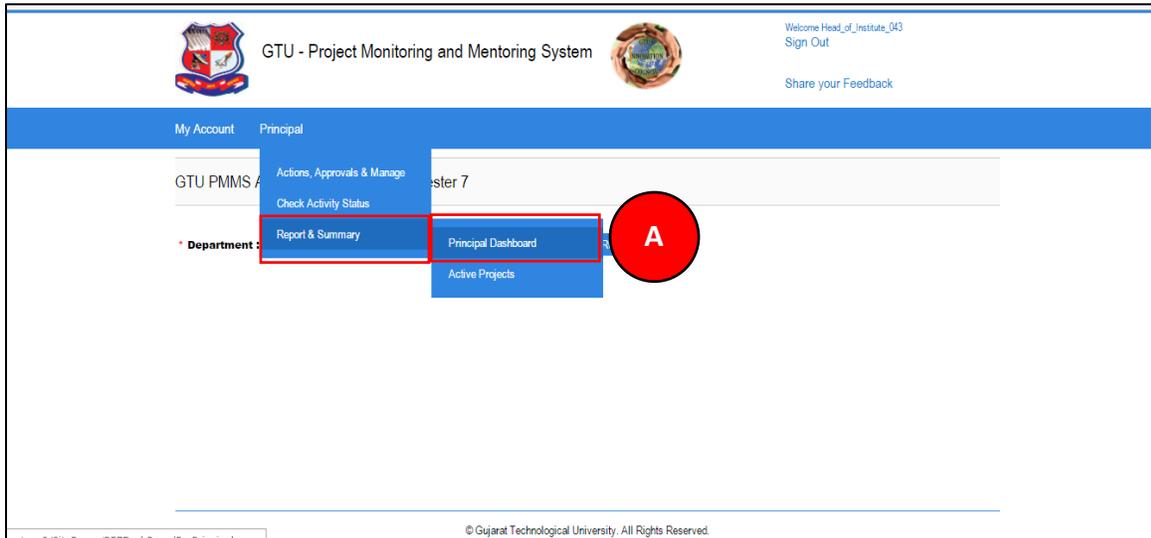
List of Completion Certificate

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	<b>C</b> <input type="button" value="Download"/>
2	110430125046	Patel Priyank Maheshbhai	14443	Dfstdfg	Production Engineering	Pending
3	120430125049	Baraiya Gauttambhai Ambarambhai	14443	Dfstdfg	Production Engineering	Pending

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## 19. Principal Dashboard

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



# GTU Innovation Council

2. Select desired Department to view progress department wise
3. Dashboard will be displayed as per department


GTU - Project Monitoring and Mentoring System


Welcome Head\_of\_Institute\_043  
Sign Out

My Account
Principal

GTU PMMS Activity Dashboard for Semester 7

\* Department :

Information Technology
▼

SEARCH
B

**Note:** Dashboard for Semester 7 as of Date : 6/28/2016 (mm/dd/yyyy)  
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) Student & Team Registration Analysis**

Activity	Request	Approved	Pending
Student Registration	0	0	0
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**

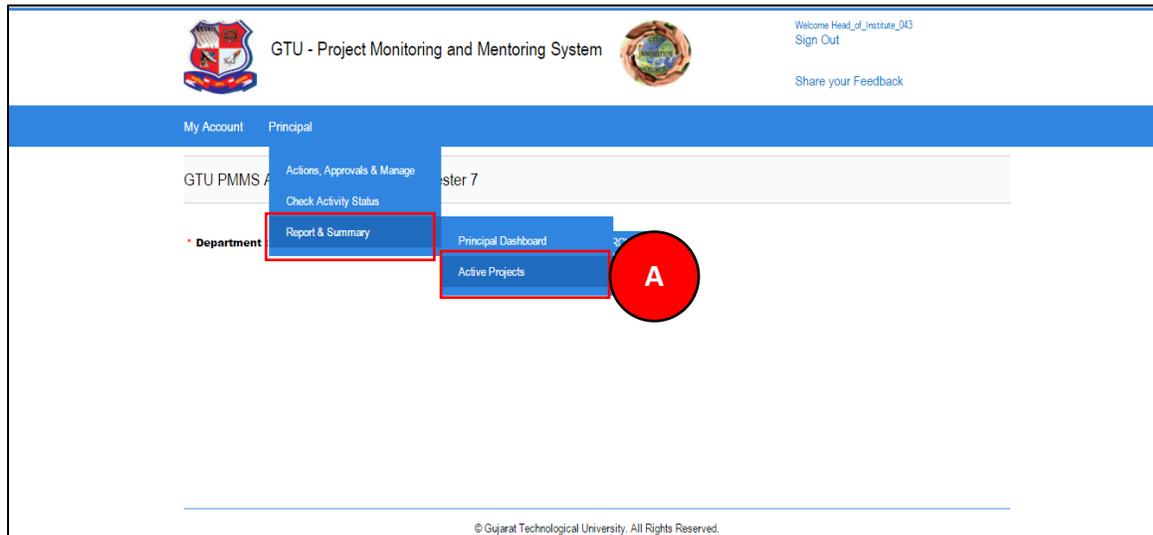
Activity	Submitted	Approved	Pending	Rejected
Total Projects Under Mentorship	N/A	0	N/A	N/A
Delete Mentorship Requests	0	0	0	0

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# GTU Innovation Council

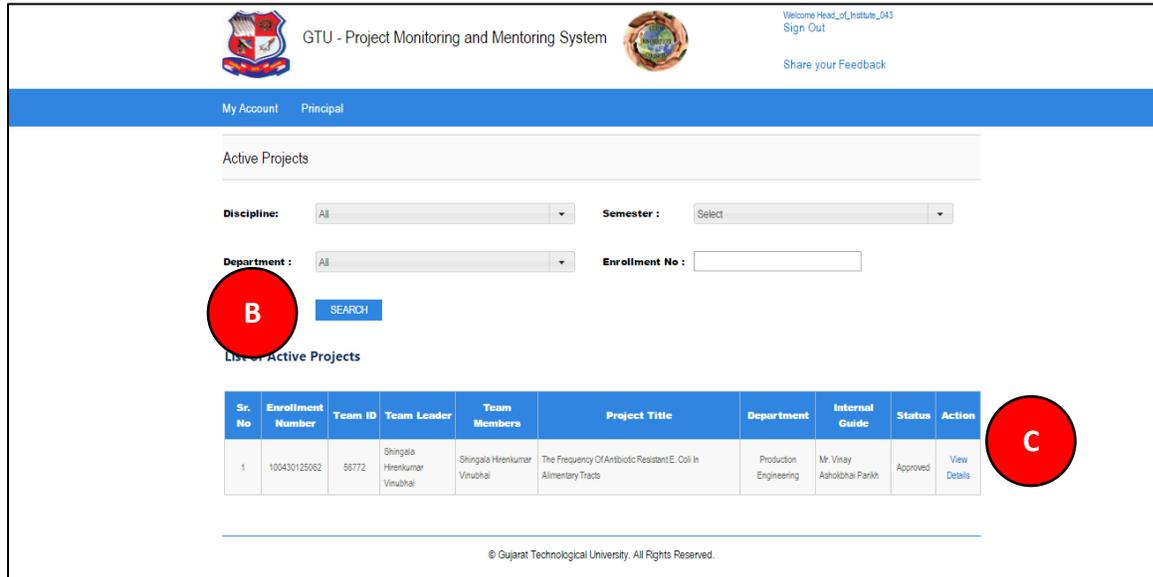
## 20. Active Projects

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



# GTU Innovation Council

## 2. Click on View details link



GTU - Project Monitoring and Mentoring System

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Share your Feedback

My Account Principal

Active Projects

Discipline: All Semester: Select

Department: All Enrollment No:

**B** SEARCH

List of Active Projects

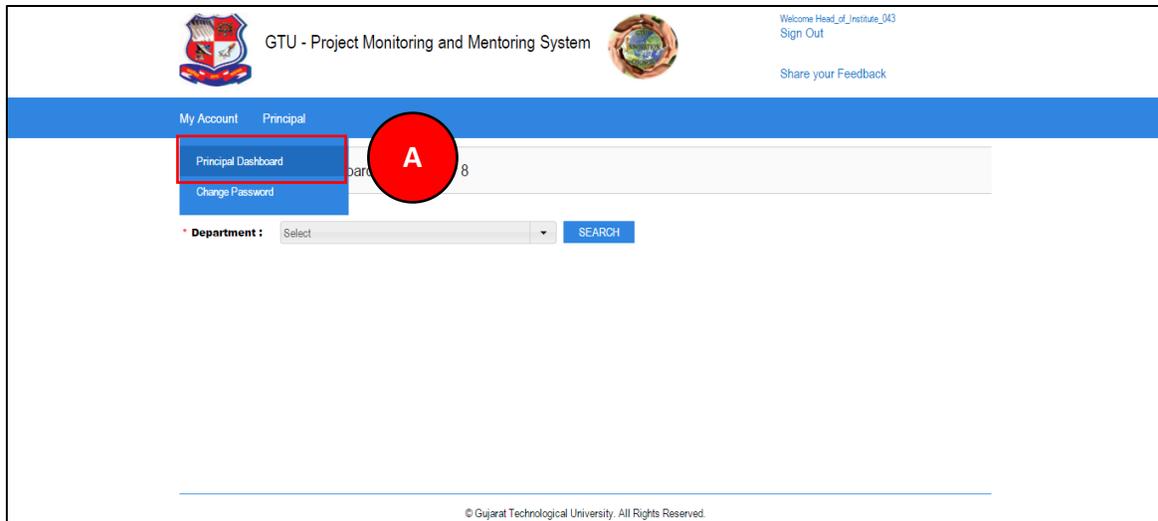
Sr. No	Enrollment Number	Team ID	Team Leader	Team Members	Project Title	Department	Internal Guide	Status	Action
1	100430125062	56772	Shingala Hirenkumar Vinubhai	Shingala Hirenkumar Vinubhai	The Frequency Of Antibiotic Resistant E. Coli In Alimentary Tracts	Production Engineering	Mr. Vinay Ashokbhai Parkhi	Approved	<b>C</b> View Details

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## Semester 8

### 21. Dashboard

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



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2. Select Discipline
3. Click Search Button
4. Dashboard will be displayed

GTU - Project Monitoring and Mentoring SystemWelcome Head\_of\_Institute\_043  
Sign Out  
[Share your Feedback](#)

[My Account](#) [Principal](#)

### GTU PMMS Activity Dashboard for Semester 8

\*Department:

**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) Student & Team Registration Analysis

Activity	Request	Approved	Pending
Student Registration	0	0	0
TeamRegistration	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	0	0

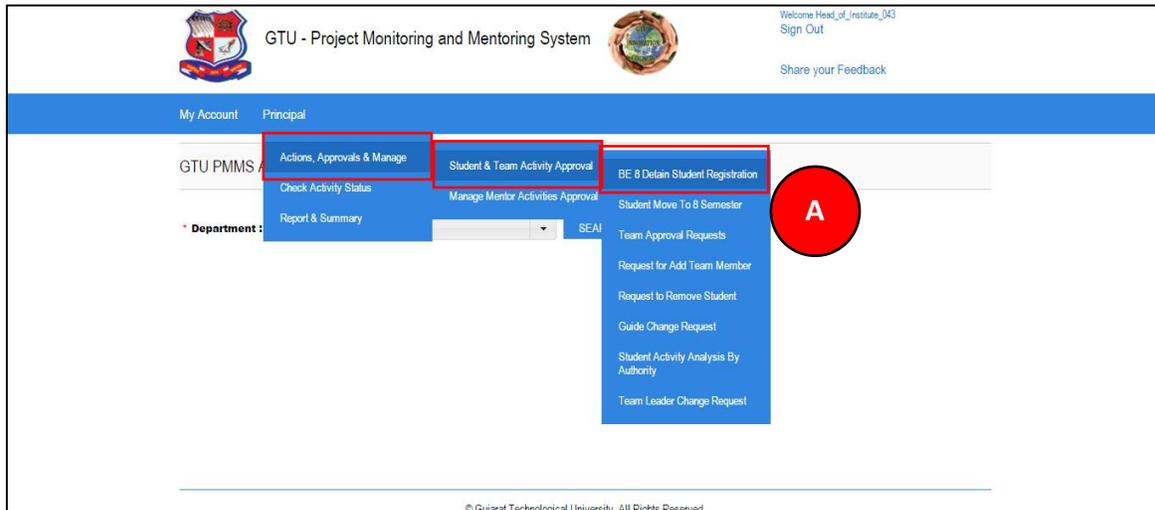
#### (3) Mentorship Request

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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## 22. BE 8 Detain Student Registration

1. Go to BE 8 Detain Student Registration tab Principal menu as shown in below screen



# GTU Innovation Council

2. Fill the detain student details.

3. Click on Submit button and the student will be registered on portal

GTU - Project Monitoring and Mentoring SystemWelcome Head\_of\_Institute\_043  
Sign Out  
[Share your Feedback](#)

[My Account](#) [Principal](#)

### Detain Student Registration for Semester 8

Note : \* Indicates mandatory field.

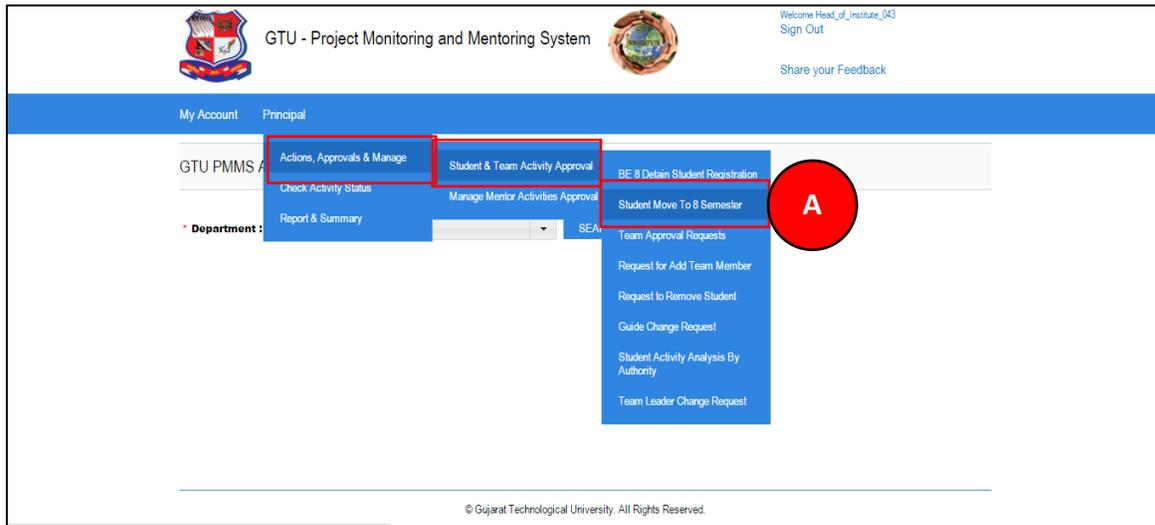
* Enrollment No :	<input type="text" value="12M30125049"/>
* Year :	<input type="text" value="2012"/>
* College :	<input type="text" value="Shantilal Shah Engineering College, Bhavnagar"/>
* Department :	<input type="text" value="Production Engineering"/>
* Discipline :	<input type="text" value="BE"/>
* Semester :	<input type="text" value="Semester 8"/>
* First Name / Your Name:	<input type="text" value="Gautambhai"/>
* Middle Name / Father Name:	<input type="text" value="Ambarambhai"/>
* Last Name / Surname :	<input type="text" value="Baraya"/>
* Name :	<input type="text" value="Baraya Gautambhai Ambarambhai"/>
* Gender :	<input type="radio"/> Male <input checked="" type="radio"/> Female
* Email ID :	<input type="text" value="dhwani@gtu.edu.in"/> (Email will be sent on this Email Address)
* Confirm Email ID :	<input type="text" value="dhwani@gtu.edu.in"/>
* Mobile No :	<input type="text" value="2322342343"/>
Contact No :	<input type="text"/>

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# GTU Innovation Council

## 23. Student Move to 8 Semester

1. Go to Student Move to 8 Semester tab Principal menu as shown in below screen



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2. Enter Enrollment Number of student you want to move to semester 8 and Click Search Button
3. Click on MOVE TO SEMESTER 8

GTU - Project Monitoring and Mentoring System

Welcome Head\_of\_Institute\_043  
Sign Out  
Share your Feedback

My Account Principal

Student Move To 8 Semester By Principal

**B**

\* Enrollment No :   Note : \* Indicates mandatory field.

<b>Enrollment No :</b>	120430125049	<b>Student Name :</b>	Baraya Gautambhai Ambarambhai
<b>College Code :</b>	043	<b>College Name :</b>	Shantilal Shah Engineering College, Bhavnagar
<b>Department Code :</b>	25	<b>Department Name :</b>	Production Engineering
<b>Discipline :</b>	BE	<b>Semester :</b>	Semester 7
<b>Team ID :</b>	14443		
<b>Project Name :</b>	Dfd#dfg		

**Upload Document :**  No file chosen

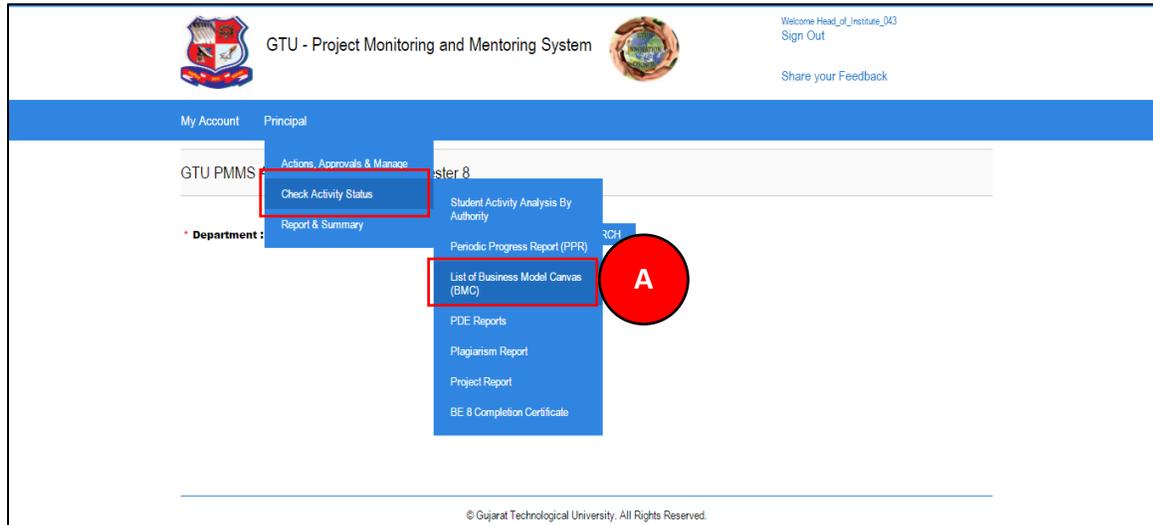
**C**

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# GTU Innovation Council

## 24. Business Model Canvas (BMC)

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



# GTU Innovation Council

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

GTU - Project Monitoring and Mentoring System

Welcome Head\_of\_institute\_043  
Sign Out  
Share your Feedback

My Account Principal

List of Business Model Canvas (BMC)

Discipline: All Semester: Select

Department: All 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 Hrenikumar Virubhai	Download	Download	<b>B</b> Review Comment

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# GTU Innovation Council

3. Comment on respective Activity

4. 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 'Principal' links. The main content area is titled 'Business Model Canvas Details' and contains the following information:

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

Below the details is a 'Comments' section with a text input field labeled 'Comments by Principal'. A red circle with the letter 'C' is placed over this field. Below the input field is a 'Note' section:

**Note:**  
**Comment:** If you click on comment (as per your observations) then it means, student will respond to your 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 you are committing the project to university. NO further modification will be possible there after.

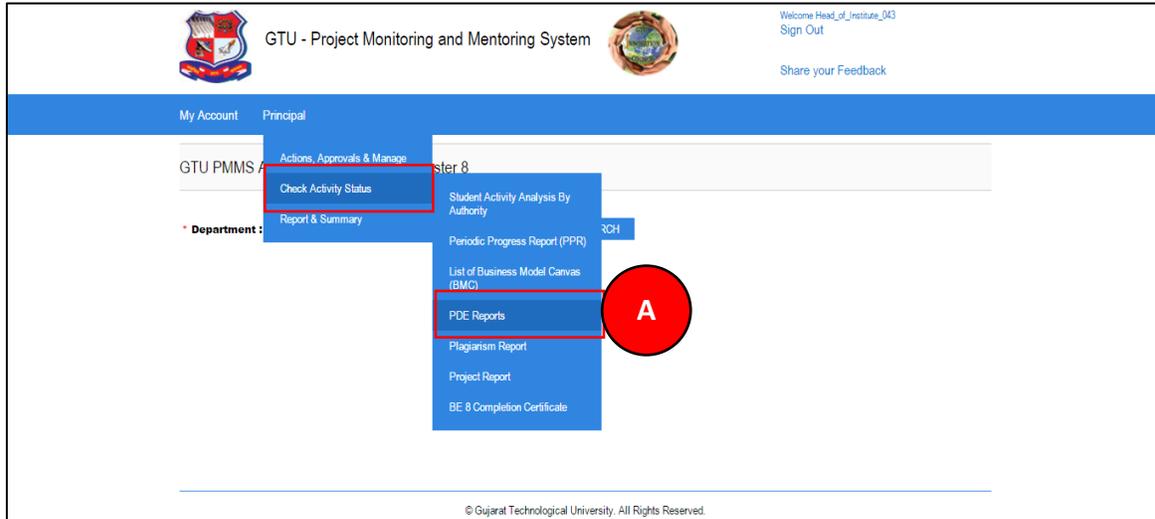
At the bottom of the comments section are two buttons: 'SUBMIT COMMENTS' and 'REVIEW'. A red circle with the letter 'D' is placed over the 'REVIEW' button. There is also a 'BACK' button at the bottom right of the comments section.

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# GTU Innovation Council

## 25. PDE Reports

1. Go to PDE Reports tab from Principal menu as shown in below screen.



# GTU Innovation Council

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

GTU - Project Monitoring and Mentoring SystemWelcome Head\_of\_Institute\_043  
Sign Out  
[Share your Feedback](#)

---

[My Account](#) [Principal](#)

---

### PDE Reports

Discipline:  Semester:

Department:  Enrollment No:

[SEARCH](#)

#### List of PDE Reports

Sr. No	Team ID	Project Title	Department	Status	PDE Form1	PDE Form2	PDE Form3	Action
1	14446	Research Agenda In Cloud Technologies	Production Engineering	Submitted	Download	Download	Download	Review / Comment

---

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## **GTU Innovation Council**

- 3. Form Will be displayed**
- 4. View Form**
- 5. Comment on respective Activity**
- 6. Click SUBMIT COMENTS/REVIEW Button to respectively comment/review the desired activity**

# GTU Innovation Council

GTU - Project Monitoring and Mentoring System

[Welcome back, user\\_808864\\_043](#)  
[Sign Out](#)  
[Share your Feedback](#)

My Account
Principal

### PDE Review

College : Shriharil Shah Engineering College, Shrinagar

Department : Production Engineering

Project Name : Research Agenda in Cloud Technologies

Team ID : 14444

Status : Submitted

Discipline : DE

Semester : Semester B

[BACK](#)

**Form 1 – APPLICATION FOR GRANT OF PATENT**

**Applicants :**

Sr. No.	Name	Nationality	Address	Mobile No.	Email Id
1	Shriharil Harinurmal V. Inushil	Indian	Production Engineering, Shriharil Shah Engineering College, Shrinagar, Gujarat Technological University.	9727745175	nhing@gtu.edu.in
2	Mr. Dharam Singhani	Indian	Old Ashi Path, Paldi Vadva	9798544805	dharam@gtu.edu.in

**Inventors :**

Sr. No.	Name	Nationality	Address	Mobile No.	Email Id
1	Shriharil Harinurmal V. Inushil	Indian	Production Engineering, Shriharil Shah Engineering College, Shrinagar, Gujarat Technological University.	9727745175	nhing@gtu.edu.in
2	Mr. A.M. Patel	Indian	L.D. College of Engineering, University Area, Ahmedabad, Gujarat 380015	855595465	pat_ami@gtu.edu.in

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

- (a) Provisional specification/complete specification
- (b) Drawings (in conformity with the international application) as amended before the International Preliminary Examination Authority (IPEA) copies, if of sheets
- (c) Statement and undertaking in Form 3

**Following are the attachments with the applications :**

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

**Form 2 – PROVISIONAL/COMPLETE SPECIFICATION**

**1. Title of the project/invention :**  
Research Agenda in Cloud Technologies

**2. Preamble to the description :**  
Provisional

**3. Description :**

**a) 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 leading competing services. Despite the competition, some of the security mechanisms offered by the services to be aimed, 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 those differences and possible security reasons for it. It also contrasts the security mechanisms offered by public IaaS cloud of origin with security mechanisms proposed by academia over the same period.

**b) Prior Art / Background of the Project / Invention :**  
The paper presents AFGOS, 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 separated 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 calls access the object and how the object is accessed (e.g., read, write, create, delete), 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.

**c) 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 centers – or "clouds". While 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, we discuss lessons from related technologies, advances in the introduction of protocols, interfaces, and standards, techniques for modeling and building clouds, and new use-cases arising through cloud computing.

**d) 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 started to catch up. This paper is a comprehensive and conference focusing on Cloud Computing. Later, 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 expands the resulting research agenda. We performed such a systematic review of peer-reviewed academic research on cloud computing, and explain the technical challenges facing in this paper.

**e) Drawings :**

**f) 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. The 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 2005 and Google launched App Engine in April 2008. According to Google Trends, the term cloud

**g) Examples :**

**h) 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. The 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 2005 and Google launched App Engine in April 2008. According to Google Trends, the term cloud

**4. Claims :**

**5. Date and signature :**

**6. Abstract of the project / Invention :**  
The paper surveys the emerging paradigm of cloud middle media. It discusses five alternative perspectives for cloud middle media networks: an end-to-end view and a hybrid view. Summaries of existing research in this area are organized according to the hybrid service framework.

**Comments**

\* Comments by Principal:

**Note:**  
If you click on comment (as per your observations) then it means, student will respond specific to the comment. And no student CAN further modify the comment. Their faculty has to REVIEW the changes as made by students.

**Review:**  
If you click on review (as per your observations) then it means you are satisfied with the work of student and hence it will be finally submitted to university. NO further modification is possible.

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

[BACK](#)

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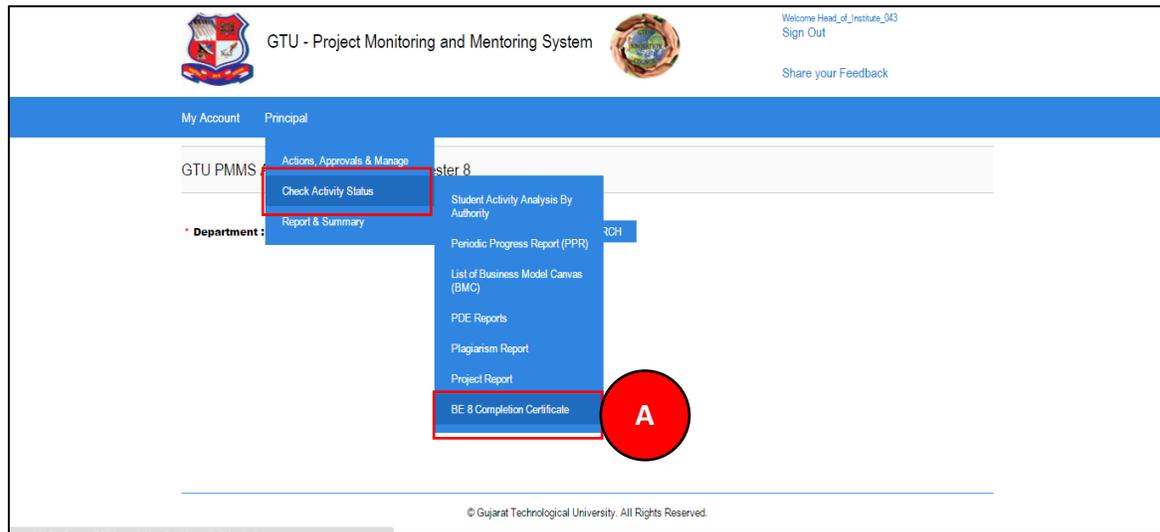
PMMS – User Manual for Principal

Page 69 | 71

# GTU Innovation Council

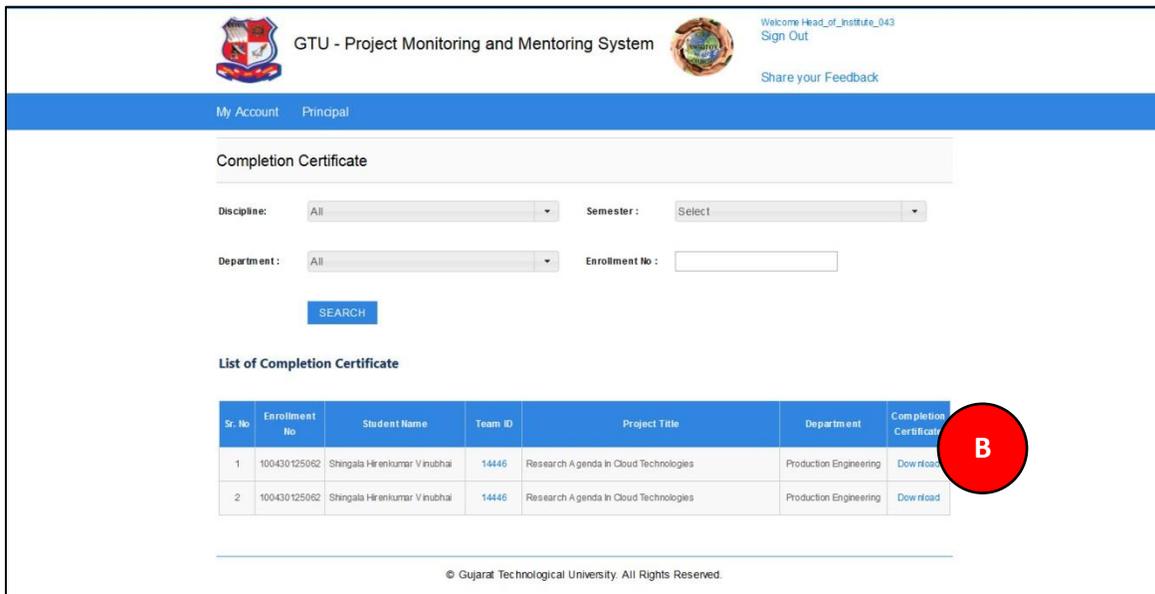
## 26. BE 8 Completion Certificate

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



# GTU Innovation Council

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



The screenshot displays the 'GTU - Project Monitoring and Mentoring System' interface. At the top, there is a navigation bar with 'My Account' and 'Principal' options. The main content area is titled 'Completion Certificate' and contains a search form with the following fields:

- Discipline: All (dropdown)
- Semester: Select (dropdown)
- Department: All (dropdown)
- Enrollment No: (text input)

A 'SEARCH' button is located below the form. Below the search form, there is a section titled 'List of Completion Certificate' containing a table with the following data:

Sr. No	Enrollment No	Student Name	Team ID	Project Title	Department	Completion Certificate
1	100430125062	Shingala Hirenkumar V Inubhai	14446	Research Agenda In Cloud Technologies	Production Engineering	Download
2	100430125062	Shingala Hirenkumar V Inubhai	14446	Research Agenda In Cloud Technologies	Production Engineering	Download

A red circle with the letter 'B' is overlaid on the 'Download' link in the second row of the table. At the bottom of the page, there is a copyright notice: '© Gujarat Technological University. All Rights Reserved.'