

## Best practices-2021-22

### Best Practice-I

#### **Title: STUDENT STUDY PROJECTS**

Objective of the Practise: Teacher-centric learning has been replaced by student-centric learning.

Research indicates that students are more likely to retain the knowledge gained through project-based learning than through traditional textbook-centred learning.

- To invigorate the learning environment in government degree colleges, the Commissionerate of Collegiate Education has initiated Jignasa-Student Study Projects in all government degree colleges.
- To motivate and encourage the students and ensure that they participate and work as a group on a study project. Each group shall comprise 5 to 6 students; a group with fewer than 5 members shall be treated as disqualified.

Each student will be assigned only one project in a specific subject.

**The context:** The teaching faculty shall be informed to encourage active participation from students, identify a challenging topic, mentor, and supervise the progress of the study project till completion. As each research project is unique and each discipline has its own requirements and limitations, the faculty members shall guide the students to strictly adhere to the prescribed format to document the research work.

**The Practise:** In an effort to self-learn, the students are encouraged to prepare slides and PowerPoint presentations as part of JIGNASA study projects. This makes the learners get involved in the research culture.

The study project must include key components in the research proposal, like:

a description of the research problem.

an argument as to why the problem is important.

a review of literature relevant to the research problem.

a description of the proposed research methodology.

A description of how the research findings will be used and disseminated.

A uniform format was incorporated for the study projects, as mentioned below:

- Title
- need for the study
- Statement of the problem or hypothesis
- Aims and Objectives
- Review of Literature
- Research Methodology
- Analysis of the study
- Suggestions
- Conclusion
- References

which deals with study settings, sampling, and study methods (examination or investigation) Data collection (obtaining primary and secondary sources using techniques like questionnaires, surveys, interviews, case studies, etc.)

- Analysis of data
- Findings, Conclusions, and Suggestions Evidence of Success

### **JIGNASA 2021 -Student Study Projects – Selected list for State Level Presentation**

S.No	Subject	Name of the Project	Name of the Supervisor
01	English	Mismatch between Spelling and Pronunciation: A Case study of Rural High School Students	1.Dr.S.John Sukumar 2.B.Pratibha 3.S.Lavanya
02	Telugu	Induru chindu yaksha ganam samskruthika varasatvam	Dr. N. Amber Singh
03	Hindi	Sanchar madyamome hindi ka asthithve	Dr.D. Hemalatha
<b>04</b>	<b>Urdu(I PRIZE)</b>	<b>A study on Urdu news portals in Telangana importance and effects</b>	<b>Mohd Abdul Rahman</b>
05	Commerce	"The New Way of Business with special reference to Food Booking APPs" (A Comprehensive Study on ZOMATO in Nizamabad)	Dr. G. Linganna
06	Mathematics	Applications of Geometry in Various Fields	Dr.S.Jayaprasad
07	Botany	Effect of Brassinosteroids on the Morphological	Deepak Parmar
<b>08</b>	<b>Zoology(I PRIZE)</b>	<b>A Study and Survey On The Preservation Of Stem Cells In Nizamabad</b>	<b>1.G.Srinivas Reddy 2. Dr.Rafiya Yasmeen</b>
09	Bio-technology & Microbiology	Global Dynamic Mapping of Omicron	Shaikh Akbarpasha
<b>10</b>	<b>Computer science(II PRIZE)</b>	<b>G-tutor</b>	<b>1. P.Vivekanand 2. M.Kiran Kumar</b>

Ten Student Study Projects Girraj Govt College (A) Nizamabad was selected for state-level competitions, and JIGNASA Zoology and Urdu Study Projects won the state-level first prize. Computer science won the second prize. The Honourable Commissioner, Sri Naveen Mittal, was present at the prize distribution ceremony in Hyderabad on April 20, 2022.

**Resources Required:** The Special Fee of the College is utilised for organising the JIGNASA Student Study Projects and participation in state-level competitions.

**GIRRAJ GOVERNMENT COLLEGE(A)  
NIZAMABAD**



**A PROJECT REPORT  
ON  
“GTutor”**

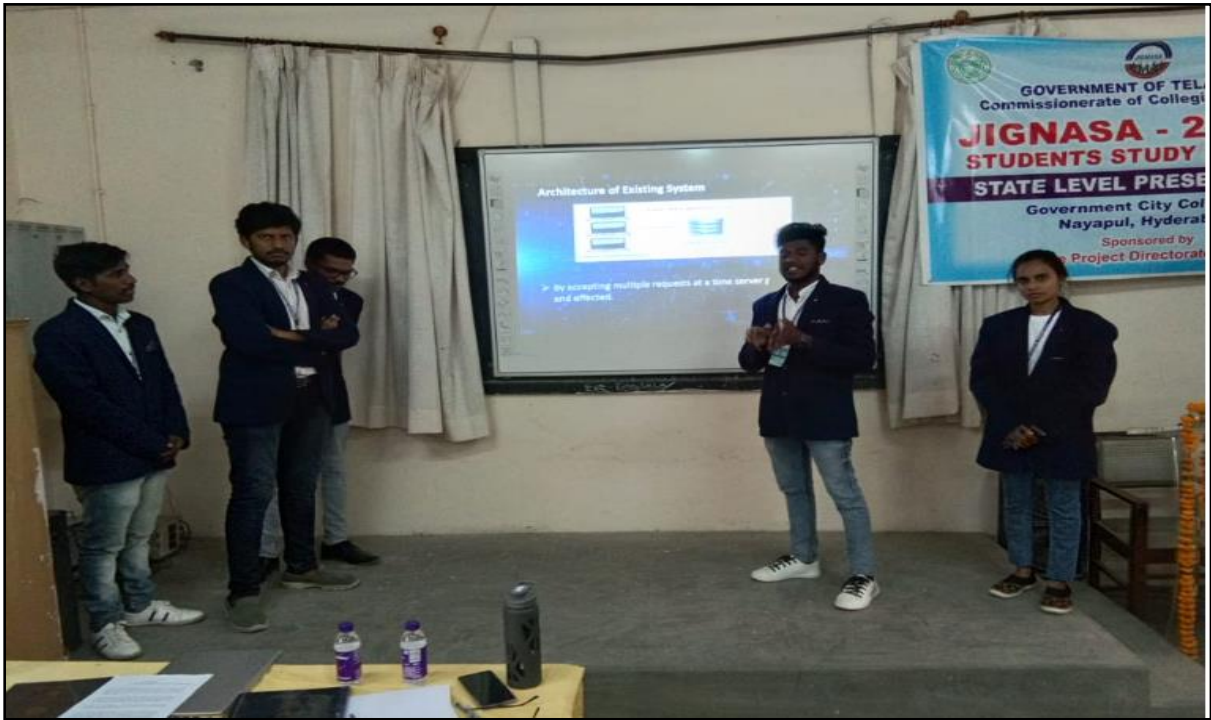


**Under Guidance Of**

P.Vivekanand  
Lecturer in Computer Science

Sri.M.Kiran Kumar Goud  
Lecturer in Computer Science

**DEPARTMENT OF COMPUTER SCIENCE**







CCE,TS



# JIGNASA - 2021-22 STUDENT STUDY PROJECTS



RUSA

## 1<sup>st</sup> Prize Zoology

Girraj Government Degree College (A), Nizamabad

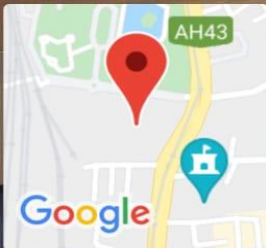
Pay

₹ 30,000/-

(Rupees Thirty Thousand only)

Sponsored by  
State Project Directorate, RUSA

*Harin Reddy*  
Commissioner  
Collegiate Education



Hyderabad, Telangana, India

203, NH65, Mahesh Nagar Colony, Abids, Hyderabad, Telangana

500457, India

Lat 17.395482°

Long 78.469867°

23/05/22 12:05 PM



CCE,TS



RUSA

# JIGNASA - 2021-22 STUDENT STUDY PROJECTS

## 1<sup>st</sup> Prize Urdu

**Girraj Government Degree College (A), Nizamabad**

Pay

**₹ 30,000/-**

(Rupees Thirty Thousand only)

Sponsored by  
**State Project Directorate, RUSA**

*Sanjay Kallit*  
Commissioner  
Collegiate Education

# జిజ్ఞాస పోటీల్లో ప్రతిభ

సుభాష్ నగర్: నగరంలోని గిరిరాజ్ ప్రభుత్వ కళాశాలకు చెందిన జంతుశాస్త్ర, ఉర్దూ విభాగం ప్రాజెక్టులు రాష్ట్రస్థాయి జిజ్ఞాస పోటీల్లో మొదటి బహుమతి. కంప్యూటర్ సైన్స్ విభాగం ద్వితీయ బహుమతిని సాధించాయని ప్రెస్సిపాల్ పి రామ్మోహన్ రెడ్డి తెలిపారు. సోమవారం హైదరాబాద్ లోని శ్రీ పాట్టి శ్రీరాములు తెలుగు యూనివర్సిటీలో బహుమతుల ప్రదానోత్సవం నిర్వహించారు. కళాశాల విద్యార్థులు కమిషనర్ నవీన్ మిట్టల్ విజేతలకు

బహుమతులు ప్రదానం చేశారు. రాష్ట్రస్థాయి మొదటి బహుమతి సాధించిన ప్రాజెక్టులకు ప్రశంసాపత్రాలతోపాటు రూ.30వేల నగదు, ద్వితీయ బహుమతి సాధించిన వారికి రూ.21వేల నగదు అందజేశారు. ఈసందర్భంగా ప్రాజెక్టుల పర్యవేక్షకులు జి శ్రీనివాస్ రెడ్డి, రఫీయా యాస్మిన్, అబ్దుల్ రహమాన్, వివేకానంద్, కిరణ్ కుమార్ తోపాటు విద్యార్థులను ప్రెస్సిపాల్ రామ్మోహన్ రెడ్డి అభినందించారు.



ప్రశంసాపత్రాలను అందుకున్న జిజ్ఞాస కళాశాల ప్రెస్సిపాల్, పర్యవేక్షకులు, విద్యార్థులు





# Girraj Government College (Autonomous), Nizamabad

## DEPARTMENT OF BIOCHEMISTRY

### BEST PRACTICE-III

#### A Report on Performance of students in MOOCs on SWAYAM platform

##### **SWAYAM (Study Webs of Active-learning for Young Aspiring Minds):**

SWAYAM is an initiative by MHRD, Government of India (GOI). It is an online learning platform that facilitates hosting of several online courses to students. These courses are prepared by the best teachers in the country coordinated by 9 higher education coordinators including UGC, AICTE, IITs etc. This platform gives the student a unique opportunity to improve their knowledge in their subject area as well as other related and interested areas.

##### **OUR OBJECTIVES:**

- To motivate students to utilize online learning platforms and improve their subject knowledge.
- Making the students aware of advancements that are taking place in their subject areas.
- Exposing the students to higher levels of knowledge beyond their text book syllabus.
- Training the students to secure national level ranks that will certainly improve their levels of self confidence.

##### **STUDENT ENROLMENT:**

In the academic year 2021-22, under the guidance of **Dr. B. Satheesh Kumar, Assistant professor in Biochemistry**, the biochemistry students have been motivated to take up online courses on SWAYAM platform for Jan-April – 2022 session. A total of **9** B.Sc. Biochemistry students came forward and showed their interest in taking up an online course.

Year	Number of students enrolled	Title of the course	National Coordinator	Duration of the course
B.Sc. (Biochemistry) Final Year	05	Biochemistry	NPTEL IIT, Kharagpur	12 weeks
B.Sc. (Biochemistry) Second Year	04	Essentials of Biomolecules: Nucleic Acids and Peptides	NPTEL IIT, Guwahati	12 weeks

##### **SPECIAL CLASSES:**

Although these are online courses, to benefit the students, **Dr. B. Satheesh Kumar** has conducted special classes for 3 hours per day for 45 days. He guided the students in submitting weekly assignments regularly. The study material and other necessary support have been provided to help the students for getting good result in the examination. Out of his own interest, Dr. B. Satheesh Kumar has paid the examination fees for the enrolled students to keep them motivated and be serious throughout the course.

**Results:**

With support of principal and efforts from the Department of Biochemistry all the students were able to complete the course with good percentage. Two of the final year students have secured top ranks at national level.

S. No.	Name	Class	H.T. No.	Marks %	Certificate type	Rank
1.	M. Savitha	B.Sc. (Biochemistry) Final Year	NPTEL22CY03S33990102	95 %	ELITE+GOLD	TOPPER
2.	Sk. Shagufta		NPTEL22CY03S33990104	90 %	ELITE+GOLD	TOPPER
3.	K. Pavani		NPTEL22CY03S33990154	81 %	ELITE+SILVER	
4.	J. Chandana		NPTEL22CY03S33990152	72 %	ELITE	
5.	K. Usha		NPTEL22CY03S33990083	71 %	ELITE	
6.	K. Dinesh	B.Sc. (Biochemistry) II Year	NPTEL22CY06S43990140	70 %	ELITE	
7.	N. Amulya		NPTEL22CY06S43990095	68 %	ELITE	
8.	P. Niharika		NPTEL22CY06S43990093	66 %	ELITE	
9.	A. Swathi		NPTEL22CY06S43990126	60 %	ELITE	

**Appreciation of students by Principal and Staff**



**CERTIFICATES:**

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY03S33990102

To  
MUSKU SAVITHA  
H.NO. 2-119/15, INDIRAMMA COLONY  
WADDYAT (VILLAGE), MORTHAD (MANDAL)  
NIZAMABAD  
TELANGANA - 503225  
PH. NO :7337030093

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



TOPPER

Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MUSKU SAVITHA**

for successfully completing the course



### Essentials of Biomolecules : Nucleic Acids and Peptides

with a consolidated score of **95** %

Online Assignments	24.69/25	Proctored Exam	70.31/75
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Total number of candidates certified in this course: 77

Jan-Apr 2022  
(12 week course)

**Prof. Hemant B Kaushik**  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22CY03S33990102

To validate and check scores: <https://npTEL.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY03S33990104

To  
SHAIK SHAGUFTA  
H. NO. 6-22-489  
GOUTHAM NAGAR,  
NIZAMABAD  
TELANGANA - 503002  
PH. NO :9989364726



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



TOPPER

Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**SHAIK SHAGUFTA**

for successfully completing the course



**Essentials of Biomolecules : Nucleic Acids and Peptides**

with a consolidated score of **90** %

Online Assignments	24.69/25	Proctored Exam	65.63/75
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Total number of candidates certified in this course: 77

Jan-Apr 2022  
(12 week course)

*Kaushik*

**Prof. Hemant B Kaushik**  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No:NPTEL22CY03S33990104

To validate and check scores: <https://npTEL.ac.in/hoc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY03S43990154

To  
KASARLA PAVANI  
H.NO. 7-20  
SUNKET (VILLAGE), MORTHAD (MANDAL)  
NIZAMABAD  
TELANGANA - 503225  
PH. NO :8978024767



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KASARLA PAVANI**

for successfully completing the course



**Essentials of Biomolecules : Nucleic Acids and Peptides**

with a consolidated score of **81** %

Online Assignments	24.69/25	Proctored Exam	55.87/75
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Total number of candidates certified in this course: **77**

Jan-Apr 2022  
(12 week course)

**Prof. Hemant B Kaushik**  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No:NPTEL22CY03S43990154

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY03S43990152

To  
JAGARLA CHANDANA  
H.NO. 5-38  
RAVUTLA (VILLAGE), SIRIKONDA (MANDAL)  
NIZAMABAD  
TELANGANA - 503165  
PH. NO :7660925443

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



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## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**JAGARLA CHANDANA**  
for successfully completing the course

### Essentials of Biomolecules : Nucleic Acids and Peptides

with a consolidated score of **72** %

Online Assignments	24.38/25	Proctored Exam	47.45/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 77

Jan-Apr 2022  
(12 week course)

  
**Prof. Hemant B Kaushik**  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22CY03S43990152

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY03S33990083

To  
KOTHUR USHA  
H.NO. 1-63  
GOVINDPET (VILLAGE), ARMOOR (MANDAL)  
NIZAMABAD  
TELANGANA - 503224  
PH. NO :9515044239

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**KOTHUR USHA**

for successfully completing the course

### Essentials of Biomolecules : Nucleic Acids and Peptides

with a consolidated score of **71** %

Online Assignments	24.69/25	Proctored Exam	46.1/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 77

Jan-Apr 2022  
(12 week course)

**Prof. Hemant B Kaushik**  
Head, Center for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



Roll No: NPTEL22CY03S33990083

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S43990140

To  
DINESH KALLEPU  
H.NO.1-140, KONAPURAM (VILLAGE)  
CHENNARAOPET (MANDAL)  
WARANGAL RURAL  
TELANGANA - 506332  
PH. NO :9951312085



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**DINESH KALLEPU**

for successfully completing the course

**Biochemistry**

with a consolidated score of **70** %

Online Assignments	23.69/25	Proctored Exam	45.92/75
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Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CY06S43990140

To validate and check scores: <https://npTEL.ac.in/noc>



This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33990095

To  
NORU AMULYA  
H-NO : 1-43, MANIKBHANDAR  
MAKLOOR  
NIZAMABAD  
TELANGANA - 503003  
PH. NO :7075046606



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NORU AMULYA**

for successfully completing the course

**Biochemistry**

with a consolidated score of **68** %

Online Assignments	24.13/25	Proctored Exam	43.5/75
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Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No:NPTEL22CY06S33990095

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S33990093

To  
PERAMBUDURU NIHARIKA  
H. NO:CT- 76,VILLAGE: POCHAMPAD  
MANDAL:MENDORA  
NIZAMABAD  
TELANGANA - 503219  
PH. NO :8340924919



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**PERAMBUDURU NIHARIKA**

for successfully completing the course

**Biochemistry**

with a consolidated score of **66** %

Online Assignments	24.13/25	Proctored Exam	42/75
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Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CY06S33990093

To validate and check scores: <https://nptel.ac.in/noc>

This certificate is computer generated and can be verified by scanning the QR code given below.

Roll No: NPTEL22CY06S43990126

To  
ANANTHOJU SWATHI  
H.NO 10-14-2088/1 RADIOSTATION ROAD  
NEAR WATER TANK  
NIZAMABAD  
TELANGANA - 503001  
PH. NO :8897212074



Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate

No. of credits recommended by NPTEL:3

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**ANANTHOJU SWATHI**  
for successfully completing the course

**Biochemistry**

with a consolidated score of **60** %

Online Assignments	24.13/25	Proctored Exam	36.21/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **394**

Prof. Jayanta Mukhopadhyay  
Dean Outreach  
IIT Kharagpur

Jan-Apr 2022  
(12 week course)

Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL22CY06S43990126

To validate and check scores: <https://npTEL.ac.in/noc>

**NEWSPAPER CLIPPINGS:**

## పరీక్షల్లో ప్రతిభ కనబర్చిన 'గిరిరాజ్' విద్యార్థులు



**విద్యార్థులను అభినందిస్తున్న ప్రిన్సిపాల్ రామ్మోహన్ రెడ్డి, వివిధ విభాగాల కో-ఆర్డినేటర్లు**

ఇందూరు, మే 21 : జిల్లాకేంద్రంలోని గిరిరాజ్ ప్రభుత్వ కళాశాలకు చెందిన విద్యార్థులు గవర్నమెంట్ ఆఫ్ ఇండియా స్వయం పోర్టల్ ద్వారా నిర్వహించిన బయోకెమిస్ట్రీ పరీక్షల్లో జాతీయస్థాయిలో ప్రతిభ చూపారు. ప్రతిభ కనబర్చిన బీఎస్సీ బయోకెమిస్ట్రీ ద్వితీయ, తృతీయ సంవత్సర విద్యార్థులను ప్రిన్సిపాల్ డాక్టర్ పి.రామ్మోహన్ రెడ్డి శనివారం అభినందించారు. స్వయం పోర్టల్ ద్వారా ఇండియన్ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ - గౌహాటి వారి ఆధ్వర్యంలో నిర్వహించిన ఆన్లైన్ కోర్సుల్లో కళాశాలకు చెందిన బీఎస్సీ (బయోకెమిస్ట్రీ) విద్యార్థులు రిజిస్ట్రేషన్ చేసుకుని, 12 వారాల కోర్సులను పూర్తిచేశారు. ఇటీవల నిర్వహించిన సంబంధిత పరీక్షల్లో జాతీయస్థాయిలో ప్రతిభ కనబర్చి ఆలిండియా లెవల్లో ఎం.సవిత 95 శాతం, షేక్ షగుఫ్తా 90 శాతం మార్కులతో ఎలైట్ గోల్డ్ సర్టిఫికెట్లను సాధించారు. కె.పావని 81 శాతం మార్కులతో ఎలైట్ సిల్వర్ సర్టిఫికెట్, జె.చందన 72 శాతం, కె.ఉషా 71, కె.దినేశ్ 70, ఎన్.అమూల్య 68, పి.నిహారిక 66, ఎ.స్వాతి 60 శాతం మార్కులతో ప్రతిభ కనబర్చి ఎలైట్ సర్టిఫికెట్లను సాధించినట్లు ప్రిన్సిపాల్ వివరించారు. ఉత్తమ ఫలితాలు సాధించేలా కృషిచేసిన బయోకెమిస్ట్రీ విభాగాధిపతి డాక్టర్ సతీశ్ కుమార్ తోపాటు విద్యార్థులను ప్రిన్సిపాల్ తోపాటు వైస్ ప్రిన్సిపాల్ డాక్టర్ ఎం.డి.ఆబ్దుల్ రఫీక్, ఐక్యూఎస్ కో-ఆర్డినేటర్ డాక్టర్ డి.ఆదెప్ప, కో-ఆర్డినేటర్ ఆఫ్ ఎగ్జామినేషన్ డాక్టర్ వై.వేణుప్రసాద్, యూజీసీ కో-ఆర్డినేటర్ సత్యనారాయణ, అధ్యాపకులు అభినందించారు.



విద్యార్థులతో ప్రీన్సిపల్ రాంమోహన్ రెడ్డి

## జాతీయస్థాయిలో ప్రతిభ

నిజామాబాద్ విద్యావిభాగం: కేంద్ర ప్రభుత్వ స్వయం పోర్టల్ ఆధ్వర్యంలో నిర్వహించిన అంతర్జాతీయ కోర్సులో గిరిరాజ్ కళాశాల విద్యార్థులు జాతీయస్థాయిలో ప్రతిభ చాటడం అవినందనీయమని ప్రీన్సిపల్ రాంమోహన్ రెడ్డి పేర్కొన్నారు. టీఎస్సీ(బయోకెమిస్ట్రీ)లో టాపర్లుగా నిలిచిన సవిత, షేక్షగుప్తా, పావని, చందన, ఉష, దినేశ్, అమూల్య, నిహారిక, స్వాతికి శనివారం ద్రుపపత్రాలు అందించారు. విభాగాధిపతి సతీశ్ కుమార్, వైస్ ప్రీన్సిపల్ అబ్దుల్ రవీక్, ఆదెప్ప, వేణుప్రసాద్, వరప్రసాద్, సునీత పాల్గొన్నారు.

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# ఉత్తమ విద్యార్థులకు అభినందన



సుభాష్ నగర్: ఆన్ లైన్ కోర్సులో ఉత్తమ ప్రతిభ కనబర్చి జాతీయస్థాయిలో టాపర్స్ గా నిలిచిన విద్యార్థులను గిరిరాజ్ కళాశాల ప్రిన్సిపాల్ పి రామ్మోహన్ రెడ్డి శనివారం అభినందించారు. ప్రిన్సిపాల్ మాట్లాడుతూ.. ఇండియన్ ఇనిస్టిట్యూట్ ఆఫ్ టెక్నాలజీ గౌహతి ఆధ్వర్యంలో నిర్వహించిన ఆన్ లైన్ కోర్సులో కళాశాల బీఎస్సీ విద్యార్థులు రిజిస్ట్రేషన్ చేసుకుని 12 వారాలు కోర్సును పూర్తి చేసుకున్నారని తెలిపారు. ఇటీవల నిర్వహించిన పరీక్షలో జాతీయస్థాయి ఉత్తమ ప్రతిభ కనబర్చి మంచి మార్కులు సాధించారన్నారు.

## **Best Practices Best Practice -IV**

### **Title : Entrepreneurship skill development for students of all streams**

**The Context:** To supplement the efforts in skill-based education the College has established a Cell for Innovation, Incubation and Entrepreneurship' (GGCCE) to encourage enquiry, sustain inquisitiveness, promote innovation, and nurture entrepreneurial skills among the students. Considering that the students at College are pursuing conventional degree course in Arts and Science faculties, the establishment of the Cell is a milestone in the Institution's quest for excellence in teaching in training. The GGCCE undertakes planning, coordination and implementation of various programs to meet the objectives of sensitizing students and encouraging entrepreneurial spirit amongst them.

**The practice:** The College Entrepreneurship Cell conducts activities to sensitize and encourage the entrepreneurial spirit among the students of Arts and Science faculties. In its initial phase the students will be made more open to think as entrepreneurs and become future employers rather than employment seekers. This can be considered a paradigm shift for the students of the College who are conventionally trained only to completing their academic programs to earn a degree.

**Evidence of Success:** The College conducted following activities to sensitize and encourage entrepreneurship spirit amongst its students; Orientation programs for ideation and conceptualization of business plans Workshops to train students in making business plans and pitching them

- One to one mentorship sessions with domain experts
- Entrepreneurship based competitions and showcasing platforms for students
- Expert talks are conducted through Entrepreneurship Development Cell.

## **Best Practice V**

### **Title: Q.R Coding of Plants in the College Premises**

**The Context:** The Department of Botany maintains a botanical garden which consists of Wild, Medicinal and Ornamental Plants. The botanical garden caters to the needs of students for their practical work; the students collect plant twigs from the garden for their taxonomy practical. Earlier the Scientific Names on the Name plates were displayed. But from June 2021 onwards QR codes were assigned to the plants in the campus.

**Objectives:** The main objectives of taxonomical information for digitalization using new techniques of QR code are as follows: 1) To incorporate the plant species information to QR code such as a) Vernacular name of the plant b) Botanical name of the plant c) Family of the plant d) category of the plant type such as Herb/Shrub/Tree and e) number of such species present in the college. To visualize the plant information through scanning the QR code The main benefits of QR code assigning to the plants is that, any student or any interested person wants to know about the information of a plant. He or She is to scan the QR code attached to the plant with his or her mobile phone camera to get the information quickly and on the spot itself without going into library or to meet the subject expert for information search to know about the plant.

**Practice:** The QR (QR stands for quick response) codes are two dimensional barcodes. These QR codes are machine readable optical label that contains information about the tree/plant to which it is attached. The QR codes data about an item generally used for location, identification or track that points to a website or application. The QR code consists of black squares arranged in a square grid on a white back ground, which can be read by the camera of the mobile phone and processed using the software until the image of the QR code in the image can be accurately interpreted Plant Species recorded in the college campus.



## **Open Lab 2021 -22**

The department of Physics made available departmental labs open for Feb 28<sup>th</sup> 2022, as a part of National Science Day Celebrations for “Open Lab” for the various school and college students in the city of Nizamabad. The department with innovative projects made by students on the concepts of physics, electronics, attracted the students and made the programme a grand success



**BEST PRACTICE-VI**



**BEST PRACTICE-VII:**  
**Guidance to Self Help Group**

**Department of Economics**  
**Best Practices**  
**Guidance to Self Help Group**

**Objectives**

- To teach them the importance of teamwork.
- To inculcate the skill of saving and investing among the students
- To make the students efficient in managing their small-scale business
- To train the students to face day-to-day problems in a business scenario
- To teach them how to deal with various kinds of management issues.

**The Context:**

Girraj Govt College (A) is situated in an urban area. The majority of the students come from poor financial backgrounds; hence, the self-help groups intend to facilitate the poor family members employment in numerous self-employment opportunities. Self-help groups (SHGs) are small groups of people who pool their resources and individual savings together. It is from this pool that loans are given to those members who are in urgent need of money. The loans provided by SHGs are at very nominal interest rates, which are lower than those charged by the informal sector. If the SHG functions well for over a year, then it becomes eligible for loans from banks. Such loans are then used to create self-employment opportunities for the poor. It is with this bank loan that self-employment is created for the members of the group and their families, thereby increasing their standard of living.

**The Practice:** The faculty members of the department are Dr. Y. Venuprasad and Dr. V.Muthyamreddy.Smt.Tubsumshaheen Dr. D. Adeppa and Dr. G. Sriram are very eager to serve the society, especially the downtrodden group of the society, and so to fulfil their purpose, they try to schedule counselling sessions according to the convenience of the members of the Self Help Group for the students and their family members who are in need of self-employment. At the same time, they endeavour to conduct research about the various challenges faced by the members of the self-help group and their family members. Thus, through conscious effort, they help them overcome the problems.

**Evidence of Success:**

Faculty members and SHGs are working together in semi-rural areas, and this activity has greatly helped in taking poor families out of debt traps and helping them lead a life of dignity. Another remarkable success made by these groups is in making the semi-rural women self-reliant. Thus, with the help of SHGs, the semi-rural poor become economically upgraded, their standard of living improves, and they need not be dependent on moneylenders any more. As a very positive result of it, we would like to mention that in the last five years, the active participation of members has increased a lot compared to previous years.

## **Problems encountered and resources required**

Initially, some family members of the students are not actively participating in the sessions. But when they realised the importance of self-help groups and the experiences of successful members, they participated actively and increased their interests and efforts in various activities and sessions conducted by the Department of Economics and self-help groups. Sometimes the faculty members also faced some issues related to the non-cooperative attitude of the members of SHG, but they could easily be sorted out by proper counselling with them. There is one more problem to be faced related to the availability of adequate facilities to conduct the sessions, but it can be easily sorted out with the help of the honourable principal of our college.