



H.K.E. SOCIETY'S  
**SMT. VEERAMMA GANGASIRI DEGREE COLLEGE  
FOR WOMEN, GULBARGA - 585 102**  
· NAAC- ACCREDITED "A" GRADE (3rd Cycle)  
Affiliated to Akkamahadevi Women's University, Vijayapura



**DEPARTMENT OF BIO-SCIENCES**

Organizes

**TWO DAY WORKSHOP**

On

***RESTRICTION DIGESTION OF DNA AND GEL ELECTROPHORESIS***

By

**INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR**

**MAKEINTERN**

On

**1<sup>st</sup> and 2<sup>nd</sup> February 2019**

**INAUGURATION**

**On 1<sup>st</sup> February, 2019, 10 to 11 am**

**Chief Guest**

**Dr. Ramachandra IIT Kharagpur**

**Presided By**

**Dr. Eshwarayya Math**

**Principal**

**Special Invitees**

**Dr. Rajendra Konda**

**IQAC Coordinator**

**Dr. Farzana Jabeen**

**NAAC Coordinator**

**You are cordially invited**

**1) Dr. Sharada Beknal**

**Head, Department of Microbiology**

**2) Dr. Shivaraj Gounalli**

**Asst. Professor Dept. of Physics**

**1) Dr. Chandrakala Patil**

**HOD. Dept. of Zoology**

**2) Dr. Pratibha S**

**HOD Dept. of Botany**

**3) Dr. Shivaraj Mulge**

**HOD Dept. of Chemistry**

**4) Dr. Basawarajeshwari**

**HOD Dept. of Biotechnology**



**H.K.E SOCIETY'S**  
**SMT. VEERAMMA GANGASIRI DEGREE COLLEGE FOR**  
**WOMEN, KALABURAGI - 585102**  
**NAAC- ACCREDITED "A" GRADE (3<sup>rd</sup> Cycle)**  
**Affiliated to Akkamahadevi Women's University, Vijayapura**

Department of Bio-Sciences organized two day make-intern workshop on "Restriction Digestion of DNA and Gel Electrophoresis" by Indian Institute of Technology, Kharagpur on 1<sup>st</sup> & 2<sup>nd</sup> February, 2019. This workshop was conducted by Dr. Ramchandra from IIT Kharagpur. 60 students from our college participated in the workshop. Two experiments were performed during the workshop. At the end of second day a test was conducted, on the basis of performance in the test, 5 students were selected for the second round which will be conducted in IIT Kharagpur. All the students who participated in the workshop were rewarded with participation certificates.

Following are the students who were selected for 2<sup>nd</sup> round:

1. Maulya .S. P of B.Sc 4<sup>th</sup> Semester
2. Bhavna. Mehta of B.Sc 6<sup>th</sup> Semester
3. Sarvada. Joshi of B.Sc 6<sup>th</sup> Semester
4. Samapada. Joshi of B.SC 6<sup>th</sup> Semester
5. Apoorva. K of B.Sc 6<sup>th</sup> Semester

# EXPERIMENT PERFORMED ON 1<sup>ST</sup> FEBRUARY 2019

## 1. GEL ELCTROPHORESIS

### ➤ Preparation of Extraction Buffer:

Tris HCl (100mM) - 1.12g  
EDTA (50mM) - 1.186g  
NaCl (1.4M) - 8.12g  
Polyvinyl Pyrrolidone - Pinch  
CTAB - 3%

### Extraction of DNA by CTAB method:

Leaf sample 0.5g is taken. Then add 2ml extraction buffer and grind the tissue till it is homogenized using sterilized mortar and pestle.



Transfer the extract into 2ml eppendorf tube and incubate at 65°C for 20 minutes.



Cool the tubes and add ice cold chloroform iso-amyl alcohol (23:1) mix the content of the tube gently.



Centrifuge the tubes at 10,000 rpm for 10min and transfer the supernatant to a fresh eppendorf tube.



Add 2 volumes of chilled ethanol into the supernatant tube to precipitate the DNA.



Centrifuge at 80,000 rpm for 5min and discard the supernatant.



Dry the pellet at 37°C for 10 min. Add TE buffer 50µl and suspend the pellet.

  
PRINCIPAL

### Preparation of TAE Buffer:

Acetic acid - 1.2 ml

EDTA - 0.372 g

Tris Buffer - 4.84 g/l

The above mentioned chemicals are properly weighed and are dissolved in 1000ml of sterilized distilled water.

### Procedure for electrophoresis:

Weigh 0.8 g of agarose powder and add to 100ml TAE buffer in a flask.



Melt the agarose solution in microwave till no particulate matter is seen and cool and add ethidium bromide dye.



The gel is poured in the gel electrophoresis casting tray and the comb is inserted in gel carefully.



The gel is allowed to set for about 10min and the comb is carefully removed.



The measured amount of DNA sample is mixed with bromo-phenol blue dye and is inserted in the wells carefully.



The current is passed and the DNA segments are allowed to run on the gel.



The gel is kept in UV illuminator and the bands of the DNA segments can be seen.



## EXPERIMENT PERFORMED ON 2<sup>nd</sup> FEBRUARY 2019

### 2. RESTRICTION DIGESTION OF DNA:

#### Requirements:

Assay Buffer - 25 $\mu$ l  
HIND III - 1.65 $\mu$ l  
DNA - 20 $\mu$ l  
Sterile distilled water - 123.35 $\mu$ l

#### Procedure:

The above mentioned liquids are mixed with DNA sample in eppendorf tubes.

The tubes are incubated at 37°C for 1 hour in water bath and then denature at 65°C for 10 min.

The DNA sample is loaded in the wells of pre-prepared agarose gel tank and one well is loaded with DNA marker (ladder).

The current is passed through the electrodes and DNA fragments are allowed to run on the gel.

The digested DNA (DNA fragments) is observed under UV illuminator.

  
PRINCIPAL  
Smt. V.G. Womens Degree College,  
KALABURAGI

# Two Day make - intern Workshop

















Hyderabad Karnataka Education Society's  
**Smt. Veeramma Gangasiri Degree College for Women,**  
**Kalaburagi – 585 102**  
**NAAC Accredited "A" Grade**  
**Affiliated to Karnataka State Women's University, Vijayapur**

**LIST OF STUDENTS ATTENDED TWO DAYS WORKSHOP ON  
RESTRICTION DIGESTION OF DNA AND GEL ELECTROPHORESIS  
MAKEINTERN ECELL EVENT IIT- KHARAGPUR  
ON 1<sup>ST</sup> AND 2<sup>ND</sup> FEBRUARY 2019**

SL.NO	NAME	CLASS	COMBINATION
1	PAVITRA	B.SC IV	MCZ
2	KEERTI	B.SC IV	MCZ
3	SEJAL CHAWDA	B.SC VI	MCZ
4	BHAVANA MEHTA	B.SC VI	MCZ
5	VAISHALI	B.SC VI	MCZ
6	SHASHIKALA	B.SC VI	MCZ
7	YASMEEN ZAINAB	B.SC VI	MCZ
8	SARVADA JOSHI	B.SC VI	CBZ
9	SAMPADA JOSHI	B.SC VI	BCB
10	APOORVA K	B.SC VI	BCB
11	PRIYANKA S G	B.SC VI	BCB
12	SAMPRIYA	B.SC VI	BCB
13	POOJA M C	B.SC VI	BCB
14	RAKSHITA	B.SC VI	BCB
15	ARATI	B.SC VI	BCB
16	ASHWINI N	B.SC VI	BCB
17	ASHWINI A	B.SC II	MCZ
18	TRIVENI	B.SC VI	BCB
19	SHWETA	B.SC VI	BCB
20	RANI N	B.SC VI	BCB
21	KAMAL	B.SC II	CBZ
22	UZMA	B.SC II	CBZ
23	POOJASHREE	B.SC II	CBZ
24	ARUNA	B.SC IV	MCZ
25	VAISHNAVI	B.SC IV	MCZ
26	ANJU KUMARI	B.SC IV	MCZ
27	AYESHA PATEL	B.SC IV	MCZ
28	MOULYA	B.SC IV	MCZ
29	ANITA K	B.SC IV	MCZ
30	KADAMBARI	B.SC IV	MCZ





## Overview

Experienced at handling research projects. Keen to expand knowledge on related materials & applications. Analytical and creative skills - display exceptional science & technology aptitude. Distinction of co-authoring several research publications, attending conferences, presenting papers/ posters and delivering talks. Diligent and committed to the pursuit of excellence & high performance.

12+ years of Research & Development experience and develop materials/protocols for real-world applications.

## Technical Experience

Data analysis using Statistical software's for mapping and breeding experiments: NTSYS, WQTL Cartographer, SPAR, Mapmaker

## Field experience:

- Germplasm evaluation for agronomic traits
- Identification of contrast parents and development of mapping population
- Selection and handling of segregating population
- Backcross breeding in field crops and vegetables
- Development of Recombinant Inbred lines

## Laboratory Skills

- Transformation of bacteria, cloning and expression
- Protein Extraction, Enzyme extraction, Polyacrylamide gel electrophoresis of proteins, dot blot, Western blot and Southern blot.
- DNA Isolation from Plants, PCR, Gel Electrophoresis, DNA Finger Printing (RAPD, AFLP and SSR) and Marker Assisted Selection
- Bioassay for host pathogen interaction in rice
- In silico identification of SSR repeats and design of SSR primers
- Biochemical techniques like protein estimation and quantification, HPLC, GC
- Transformation of crop plants with disease resistance genes and expression
- Plant tissue culture for mass multiplication of crop plants

## Publications

## International Journal:



1. C.K. Pramila, K.P.R. Prasanna, **R. Ramachandra**, R. Jayanthi and B.V. Pavithravani (2011). Molecular characterization and similarity relationships among marigold varieties using AFLP markers. *Seed Science and Technology*, 39:627-636.
2. Venkatesha S.C., Ramanjini gowda P.H., Ganapathy K.N., M. Byregowda, **Ramachandra R.**, Girish G., Channamallikarjuna.V., Shantala L. and T.K.S. Gowda. Genetic Fingerprinting in Dolichos Bean using AFLP Markers and Morphological Traits. *International Journal of Biotechnology and Biochemistry* Volume 6 Number 3 (2010) pp. 395-404
3. Ganapathy K. N, Byregowda M, Venkatesha SC, **Ramachandra R**, Gnanesh BN, Girish G. Identification of AFLP markers linked to sterility mosaic disease in pigeon pea *Cajanus cajan* (L.) Millsp. *International Journal of Integrative Biology* Volume 7, No 3, (2009) pp: 145-14.
4. Vivek, B.C., Lokesh, R, **Ramachandra, R.**, and Ramanjini gowda, P.H, 2012, A study on endogenous level of kanamycin resistance of sesame (*Sesamum indicum*) *Plant cell Biotech and Mol Biol* 2008 9 (3&4): 135-138

#### National Journal

1. PRAKASH G. PATIL , M. BYRE GOWDA, IKECHUKWU O. AGBAGWA, KHELA RAM SOREN, R. **RAMACHANDRA** AND H. E. SHASHIDHAR 2015. Molecular diversity study using SSAP MARKERS in pigeonpea (*Cajanus cajan* L. Millsp.). *The Bioscan* 10(4): 1915-1920.
2. S L KRISHNAMURTHY, Y PRASHANTH , A MOHAN RAO , K MADHAVI REDDY AND R **RAMACHANDRA** 2015. Assessment of AFLP marker based genetic diversity in chilli (*Capsicum annuum* L. & *C. baccatum* L.). *Indian Journal of Biotechnology* Vol 14, January 2015, pp 49-54
3. **RAMACHANDRA, R.**, KUMAR. V., RAMANJINI GOWDA, P. H., PRAMILA, C. K AND GANAPATHY, K. N. 2013. Biolistic mediated transformation and transient  $\beta$ -1,3glucuronidase expression in Indica rice variety Mangala. *J. Bioinfolet*. Vol 11 No 1 ( Jan - Mar 2014)
4. **RAMACHANDRA. R.**, KUMAR. V., RAMANJINI GOWDA P.H., PRAMILA, C.K AND VENKATESHA, S.C., (2013), Studies on high frequency regeneration in local Indica rice varieties Mangala and Mandyavijaya. *Mysore Journal of Agri. Sci.*, 47(3): 502-509
5. **RAMACHANDRA. R.**, RAMANJINI GOWDA P.H. PRAMILA, C.K. and VADLAPUDI KUMAR 2013. Scutellum derived high frequency invitro regeneration in two rice cultivars Rasi and Tarori basmati. *Journal of Sushrutham*. Vol (1): 68-83
6. PRAMILA, C.K., K.P.R. PRASANNA. AND **R. RAMACHANDRA.**, 2013, Seed quality as influenced by priming in marigold (*Tagetes erecta* L.) cv. Pusa Narangi., *J. Bioinfolet*. (Under review).
7. PRAMILA, C.K., RAME GOWDA, KRISHNAMURTHY, S.L., **RAMACHANDRA, R** AND SHAILAJA HITTALMANI., 2012, DNA fingerprinting of drought tolerant rice genotypes by using molecular markers, *Journal of Rice science* (-Under review).
8. PRAMILA, C.K., RAME GOWDA., **RAMACHANDRA, R.**, SHIVA PRAKASH, M.K., AND RANJITHA. K.Y. 2011, Seed yield and quality as influenced by seasons and stages of harvest in marigold. *Research Journal of Agricultural Sciences*. 2012, 3(1): 032-035

9. VIVEK, B.C., **RAMACHANDRA, R.**, PRAMILA, C.K., LOKESHA, R., ASHA, N.N AND RAMANJINI GOWDA, P.H, 2012, Genetic transformation of sesame (*Sesamum indicum* L.) using gene gun, Research Journal of Agricultural Sciences.2012 3(2): 450-454.
10. PRAMILA, C.K., K.P.R, PRASANNA, R. JAYANTHI AND **R. RAMACHANDRA**, 2011., Seed production in marigold with special reference to seasons, International Journal of Agricultural Sciences, 7 (2): 400-403.
11. PRAMILA. C.K; RAME GOWDA; SHARANAPPA; PAVITHRA VANI, B.VAND **RAMACHANDRA, R.** 2011, Genotypic variation for milling, cooking and nutrient quality as in luenced by methods of production in rice. Research Journal of Agricultural sciences. 2(3): 468-473
12. C.K. PRAMILA., **R. RAMACHANDRA.**, PAVITHRAVANI, B.V. And RAME GOWDA, 2010, Cooking quality as in luenced by methods of cultivation in rice (*Oryza sativa* L.), J. Environment & Ecology, 28(2B): 1354-1357.
13. RAMANJINI GOWDA, P. H., V. Krishna, G.K. Kumaraswamy., **RAMACHANDRA, R.**,and T.K.S.Gowda 2009. Standardisation of regeneration protocol for Indica rice varieties Rasi and IR20. Mysore Journal of Agri. Sci.,43(3): 412-419.

#### **Abstracts published in proceedings of seminar/Symposium/Conference**

1. Ramachandra, R and Pramila, C.K., Chendu hoovina beeja tantrikateya bagge ondu adyayana. In: 8<sup>th</sup> Kannada Vijnana Sammelana. Held on 15-17<sup>th</sup> Sept-2012, UAS, Dharwad.
2. Pramila, C.K., Asha, N.N., Shivaprakash, M.K and Ramachandra, R. Studies on population dynamics and establishment of *trichoderma* spp. in soil. In: 8<sup>th</sup> Kannada Vijnana Sammelana. Held on 15-17<sup>th</sup> Sept-2012, UAS, Dharwad.
3. Pramila, C.K., Rame Gowda, Asha, N.N., Shailaja Hittalmani and Ramachandra, R. Ef iciency of RAPD and SSR markers for determining genetic diversity among aerobic rice genotypes. In: 5<sup>th</sup> Women Science Congress. Held on 7-9<sup>th</sup> Nov-2012, KLE Arts college, Bidar.
4. Asha, N.N., Pramila, C. K., Rame Gowda. and Ramachandra, R., Milling and cooking quality as in luenced by methods of production in rice. In: 5<sup>th</sup> Women Science Congress. Held on 7-9<sup>th</sup> Nov-2012, KLE Arts college, Bidar
5. Pramila, C.K., K.P.R. Prasanna., R, Ramachandra, R. Jayanthi and Pavithravani, B.V., Molecular characterization and similarity relationships among marigold genotypes. National seminar on Contemporary aproaches to crop improvement. Held on April 22-23. 2011. Pp-203.
6. Pavithravani, B.V., Rame Gowda., Girees, C., Ramachandra, R., Pramila, C.K., Mohan Rao, A and Chikkadevaiah. AFLP-Based molecular diversity analysis for bruchid resistance in ricebean. National seminar on Contemporary aproaches to crop improvement. Held on April 22-23. 2011. Pp-48.
7. Pramila, C.K., Ramachandra, R., Sudhakar Bhatt and V. Kumar. Genetic diversity studies in *Ceratocystis imbricata* using molecular markers. ISMPP-South Zone conference on fungal diversity and emerging crop disease. Held at University of Mysore, Manasagangothri, on 13<sup>th</sup> and 13<sup>th</sup> May 2011. Pp47.
8. Pramila, C.K., K.P.R. Prasanna., R. Jayanthi and R, Ramachandra. Effect of forms of seed, dessicant and packaging material on seed infection in marigold. ISMPP-South Zone conference on fungal diversity and emerging crop disease. Held at University of Mysore, Manasagangothri, on 13<sup>th</sup> and 13<sup>th</sup> May 2011. Pp40.



9. Pramila, C.K., K.P.R. Prasanna, R. Jayanthi, R. Ramachandra, B.V. Pavithravani, W.J. Thanuja and H.V. Divya. Utilization of AFLP markers for identification of African marigold genotypes. Held on Nov 7-9<sup>th</sup> 2011, MSRIT, Bangalore. Pp-42.
10. Pramila, C.K., R. Ramachandra, W.J. Thanuja and R. Jayanthi. Seed quality as influenced by seasons, maturity stages, storage and priming in marigold. 4<sup>th</sup> National women's science congress. Held on Nov 7-9<sup>th</sup> 2011, MSRIT, Bangalore. Pp-42.
11. Pramila, C.K., R. Ramachandra, B.V. Pavithravani, W.J. Thanuja and H.V. Divya. And Maithreyee, M.N. Seed quality as influenced by seed storage in marigold. In: National symposium on biodiversity and food security: challenges & devising strategies. Held on 10-11 December-2011, IIPR Kanpur. Pp-53.
12. Ramachandra, R., K. N. Ganapathy, Sudhakar Bhat, Vadlapudi Kumar, T.V. Krishna and S. C. Venkatesha. Molecular characterization of *Ceratocystis imbricata* using RAPD markers. National conference on Genomics, Proteomics and systems biology, J. N. Tata auditorium, IISc campus, Bangalore, INDIA. 1-3 October-2008

### **Scientific Achievements & Awards**

- Qualified National Eligibility Test conducted by Agriculture Scientist Research Board, New Delhi
- Recipient of "JUNIOR SCIENTIST AWARD -2013" from National Environmental Science Academy, New Delhi.
- BOS Member of University of Mysore 2016-2018
- Fellow of National Environmental Science Academy, New Delhi
- Fellow of Swadeshi Vijnana Andolana - Karnataka

### **Professional History**

#### **Research Associate**

Working as Research Associate for Kirk House Trust, UK -UAS (B) for improvement of Dolichos crop using conventional and molecular approach leading to development of high yielding varieties.

Work outline:

- a) Development and maintenance of RIL's for linkage map construction using MAS.
- b) Phenotyping of RIL's for various agronomic traits contributing to yield.
- c) Advancement of F<sub>2</sub> population through selfing and pedigree selection.
- d) Evaluation of selected lines for agronomic traits.
- e) Selection and crossing of dolichos germplasm lines for agronomic traits

#### **Research Associate**

Worked as Research Associate DBT funded project "Development of drought tolerant crop varieties by biotechnological approach.

Work outline:

- i) Genotyping of 190 germplasm lines for association mapping.

- ii) Genotyping and phenotyping of bi-parental mapping population for drought and water use efficiency traits followed by QTL identification.

### **Application Scientist**

#### **JH-Bioinnovations**

##### **Work outline:**

- a) Assisting the sales team with technical training of high end instruments for post and pre sales.
- b) Supporting with pre and post-sales technical and scientific presentations, to small groups and large audiences,
- c) Trouble shooting the experiments at various institutes with instruments like spectrophotometer, Nanodrop, Elisa reader, Hansatech instruments and Fluorescent microscopy.

### **Research Associate**

Served as Research Associate in the KT-UK project at Department of genetics and plant breeding

- i) Training the staff and PG students in the area of Molecular biology
- ii) Trouble shooting the experiments given to PhD and MSc students in the field of Molecular biology techniques to aid in Marker Assisted breeding of Pomelo, Hot pepper, Marigold, pigeon pea, cowpea, rice bean and horse gram
- iii) Organizing the training programmes in the field of Marker assisted selection for staff and students.
- iv) Serving as resource person in various training programme conducted in collaboration with KHT-UK -UAS (B).

### **Senior Research Fellow**

Served as senior research fellow in the KT-UK project at Department of Biotechnology UAS (B).

- a) Standardization of regeneration protocol in rice using Plant tissue culture.
- b) Standardization of transformation protocol in rice using agrobacterium method and biolistic method.
- c) Development of transgenic lines rice varieties for fungal resistance.
- d) Bio- assay for host pathogen interaction in transgenics.

### **Junior research fellow**

#### **Coffee biotechnology center**

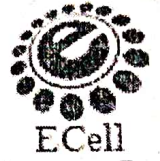
##### **Work outline:**

- i) Isolation and culturing of fungal isolates of *Ceratocystis imbricata* which causes stem canker in coffee.
- ii) Characterization of fungal isolates using morphology and determination of genetic variation using RAPD markers.
- iii) Evaluation of tissue cultured plants of coffee for agronomic traits
- iv) Proposed a small project on molecular characterization of *Aspergillus ochraceus* using RAPD markers in annual meet of coffee board during June 2004.





# Makeintern & ECell



(Workshop Partner ECell IIT Kharagpur Event \ Internship Provider Across India)

IIT Kharagpur Event

+91-9211922243 (Vibha)

9212615394 (Sonu)

01149095855



## Confirmation Letter

### Sub: Confirmation letter for workshop

Dear Sir/Madam,

This is to bring under your kind notice that our school confirms Makeintern training will be held in our campus.

**Fill the below details carefully:-**

**Name of the College:** \_\_\_\_\_

**Topic Name:** \_\_\_\_\_

**Workshop Dates:** \_\_\_\_\_

This is a confirmation that our school will be the training Centre for technical training as mentioned above and provide the infrastructure support as required for the Session and registration charges are 1150 INR/-student.

We are appointing one faculty coordinator and two student coordinators to coordinate the entire Program at our campus. Please fill the Name and Contact Numbers of all the coordinators below:

Name	Contact Number	Email ID
Dg. Sharada Beknal HOD	8792332685	Sharadabeknal@gmail.com
Sejal N. Chauda	8123962835	sejalchauda391@gmail.com
Bhavna D. Mehta	8168108585	Bhavnamantha131998@gmail.com

Yours Sincerely  
Makeintern.com

College Authority  
Name:-

  
Designation  
Seal & Signature

**Smt. V.G. Women's Degree College,  
KALABURAGI.**

For further details or query contact us: Mr. Mitra- 9212615394 or Mail on:-sonu@makeintern.com



**Attention For Microbiology & Bio-science <<ECELL EVENT IIT-KHARAGPUR>>& <MAKEINTERN>>  
ZONAL SESSION PROGRAM**

1 message

Wed, Jan 9, 2019 at 2:30 PM

Ankit PARDHAN <ankitsingh@makeintern.com>  
To: sharadabeknal@gmail.com, shivraj gounhalli <sgg19777@gmail.com>  
Cc: Sonu Mishra <sonu@makeintern.com>

Respected Sir/Ma'am,

Greetings...

We are glad to share this information with you. We hope you too have great experience with us.

We, "Team MakeIntern (Training partner of Ecell event IIT-Kharagpur)" would like to entreat you to be a part of Biggest competition conducting for Microbiology & Bioscience Department on behalf of (Ecell IIT-Kharagpur)

We Are Glad to Share this Information with You, That we have Started an Initiative For **Awareness of Microbiology and Bio-Science Field** and to Give Students **Industrial Exposure**. Main **Agenda** of this Initiative is to **Aware** the Students About The **Future Scope of INDIAN Bio-science & Microbiology Industry**. As in Today's Time Not Many of The Students are Opting for the Bio-Science & Microbiology courses, May Be Because the Lack of Awareness in Students and Parents.

We Wish For The Best Interest of Microbiology and Bio-science Industry in INDIA.

This is as per our discussion MakeIntern putting up 30 training center across India. This is for some selected colleges only. Kindly check out the details and we would like to know if the college would be interested in participating as we can put only 30 Zonal centers.

**Competition Rounds:** There are two rounds in this program.

**First round venue:** Only a few selected Collèges and Your College could be one of them.

**Finale Round Venue:** Finale round would be held at ECELL EVENT INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR



## Details of First Round

**A Hand on experiment based workshop will be held for the students.**

### **DETAILS OF THE EVENT-**

#### **First Round- (To be conducted in your college campus)**

Interested participants will be given Workshop training on one of the following topics.

You may select one or more topic from below options but for each topic you should have at least 50 registration

- a) Plasmid Isolation,
- b) Restriction Digestion of DNA and Gel Electrophoresis,
- c) Bioinformatics in Medical Micro-Biology,
- d) Metagenomics,
- e) Soft Skills.

Above mentioned topics are chargeable and every topic will be of 2 days training (16 hours) and registration Charges are **INR 1150/- per** student and minimum 50 students in a batch should be there.

All students will be provided by the training certificate and college would be getting appreciation certificate.

**Note:** Workshop will be conducted by Industry Experts who have experience of more than 8 years to deliver the workshop in PAN India level.

#### **(Intra College Competition):**

The students getting trained will be going through a selection procedure on the end of second day of training; 5 best students will be selected from your college.

#### **Selection Procedure(Subject to Change):**

1. Mock Test & Quiz?
2. Group Discussion
3. Experimental idea

2/14/2019

Gmail - Attention For Microbiology & Bio-science <<ECELL EVENT IIT-KHARAGPUR>> <MAKEINTERN>> ZONAL SESSION PRO

Selected Students from your College will be representing your campus in a competition to be held at ECELL EVENT INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR Campus and students will be awarded with medals, trophies, merit certificates

We wish to associate with your prestigious institute and assuring you for a great experience ever.

## **Benefits**

1. College will become the official training center with Makeintern and Ecell-IIT-Kharagpur event.
2. Appreciation Certificates for College.
3. Winners get medals, certificates of merit and prize money in finale.
4. Training certificates to all participants during first round session in your college.
5. You can invite students from other colleges to join the session in your college, it will help you increase your brand value in your region.
6. Promotional material will be dispatch by us.



1. All promotional materials used by College have to be approved by Makeintern.
2. Makeintern is Training partner with Becon techno fest which is the event of IIT-Kharagpur.
3. Faculty would be industry expert who have the experience more than 8 years of delivering the workshop in across Pan India colleges.
4. First round which will be held in your College, would have to furnish before of **28th February** so kindly freeze any two consecutive dates of before it so that we can plan accordingly.
5. For any query, complain or suggestion kindly contact to Mr. Mitra at 9212615394 or write us at [sonu@makeintern.com](mailto:sonu@makeintern.com).
6. Please find the attachment and fill it across and send us the scan copy so that we can confirm your participation.

Thanks & Regards:

Ankit Singh

Coordinator

Makeintern.com

Web: [www.makeintern.com](http://www.makeintern.com)

Mob: 9212615394 / 9310711199



Sender notified by  
Mailtrack



College Ecell Registration form 1150.pdf  
228K

2/14/2019

Gmail - Session,Payment, Account details



Sharada Beknal <sharadabeknal@gmail.com>

## Session,Payment, Account details

2 messages

sweta jha <swetamakeintern1@gmail.com>  
To: sharadabeknal@gmail.com

Sat, Feb 2, 2019 at 9:51 AM

Dear Mam,

Greetings..

First of all thanks for such a wonderful coordination, please find the account details for session payment.

**Date: 1st-2nd Feb 2019**

**Topic Name:** Restriction digestion of DNA and GEL Electrophoresis

**Registration charges: 900/- INR**

**Payment mode :Online/Cash Deposit**

**Account details:**

Account Name :MOHIPURI TECHNOLOGIES PVT.LTD  
Bank Name: ICICI Bank  
Branch : Janakpuri east  
Account Number. 008705500261  
IFSC CODE :ICIC0000087  
PAN Number= AAICM6500E

**Note:** Please send us the scanned copy of transaction to us asap so that we would be able to submit the reports and MOU copy can be shared today.

Regards,  
Sweta Jha  
7290085797,9212615394



## Report

### **Two Days Workshop on “Solar Cell Technology”**

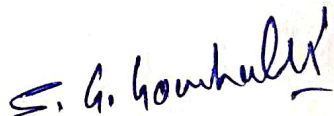
Two Days Workshop on “Solar Cell Technology” was organized on 4<sup>th</sup> and 5<sup>th</sup> Feb 2019 by E-Cell Indian Institute of Technology, Kharagpur – Makeintern.

Total 88 Students participated for the first round and out of that 06 students were selected for the finale round at IIT Campus. The selected students are;

1. Nisha Joshi - Solar Cell Technology
2. Asfiya Samreen T - Solar Cell Technology
3. Shreya kulkarani - Solar Cell Technology
4. Sushmita - Solar Cell Technology
5. Muttushree .B- Solar Cell Technology
6. Shravya Kulkarani -Solar Cell Technology

The resource person for the Event was MR. Anil from Make intern. He introduced the student about the solar Energy: applications and Challenges to store and transform the energy form the nature.

The students Coordinator Miss Nisha Joshi welcomed the gathering Dr. Shivraj Gounhalli – Coordinator of the Event Introduced the Guest. Principal Dr. Eshwarayya Math gave the Presidential remark and congratulated the selected students for the next round Dr. Shivraj Mulagi Head Department of Chemistry and Dr. Mohanraj Pattar were present Miss. Ankita A H proposed the vote of thanks.

  
Coordinator

Enc:

Email details

Brochures

Resume of Resource Person

Glimpses of the event




H.K.E Society's,  
**Smt. Veeramma Gangasiri Degree College for Women**  
(Affiliated to Akkamahadevi Womens University, Vijayapura & Reaccredited with "A" grade by NAAC)  
**KALABURAGI-585102**



Date: 07.01.2019

## NOTICE

All the students of B.Sc 2<sup>nd</sup>, 4<sup>th</sup> & 6<sup>th</sup> sem of Physical Science are here by informed to assemble in L.H. 05 at 4.00 PM on 07.01.2019 to discuss regarding MAKEINTERN Workshop and NPTEL on line certificate courses.

  
PRINCIPAL

B.Sc - II sem. S.G. Garhali  
B.Sc - IV sem. Shiwangi  
B.Sc - VI sem. @S





# Makeintern & ECell



(Workshop Partner ECell IIT Kharagpur Event \ Internship Provider Across India) IIT Kharagpur Event

+91-9211922243 (Vibha)

9212615394 (Sonu)

01149095855



## Confirmation Letter

### Sub: Confirmation letter for workshop

Dear Sir/Madam,

This is to bring under your kind notice that our school confirms Makeintern training will be held in our campus.

### Fill the below details carefully:-

Name of the College: Smt. V. G. Narmada Degree College.

Topic Name: Solar Cell Technology

Workshop Dates: 04<sup>th</sup> & 05<sup>th</sup> Feb 2019

This is a confirmation that our school will be the training Centre for technical training as mentioned above and provide the infrastructure support as required for the Session and registration charges are 1150 INR/-student.

We are appointing one faculty coordinator and two student coordinators to coordinate the entire Program at our campus. Please fill the Name and Contact Numbers of all the coordinators below:

Name	Contact Number	Email ID
Dr. Shivraj G G	9901410292	sgg19777@gmail.com
Miss. Alpsha. Joshi	9481413434	Nishajoshi1599@gmail.com
Miss. Ankita A.H	9972520964	Ankita.hundekar.8@gmail.com

Yours Sincerely  
Makeintern.com

College Authority

Name:- Dr. Eshwarappa  
Math

Principal  
Designation  
Seal & Signature  
Smt. V.G. Degree College for Women.  
KALABURAGI.

For further details or query contact us: Mr. Mitra- 9212615394 or Mail on:- sonu@makeintern.com



## National Level Competition For Physical Science Students Association with Ecell Fest (IIT Kharagpur Event)



### Topic

Topic : Solar Cell Technology

Dates : 4th - 5th February 2019

Registration Fee - Rs 1150/-

### Highlights

1. Industry Experts as Trainers.
2. All Participants will receive Prize and Certificate in each round
3. Competition to be conducted at the end of the workshop on the second day to select top 5 students.
4. Five selected students would be participating in finale round at IIT Campus.
5. Internship assistance for all participants.

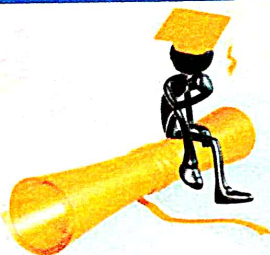
### Round of Selection

1st Round:

SMT V.G.Womens Degree College  
Kalaburgi

2nd Round:

IIT Kharagpur



Venue : SMT V.G.Womens Degree College, Kalaburgi

HOD : Dr Shivraj.G.G (9901410292)

Cordinators : Miss Nisha Joshi (9481413434)

Miss Ankita .A.H (9972520964)



[www.makeintern.com](http://www.makeintern.com) [sonu@makeintern.com](mailto:sonu@makeintern.com) +91 9212615394





Subject: correction in dates : "Attention for Physics department >> Makeintern & Ecell (IIT-Kharagpur event) Organising a zonal training session"

message

Fri, Jan 25, 2019 at 10:33 AM

From: shivraj gounhalli <sgg19777@gmail.com>  
To: Mrityunjay Shukla <shuklamrityunjay89@gmail.com>

Sir  
warm Greetings from Smt. V.G College for women Kalaburagi,  
with reference to the cited subject we are very much pleased to have the two day work shop on 4th & 5th February 2019 in our college.  
please find the confirmation letter for the workshop as the attachment file.  
as per the telephonic talk I request yourself to give some concession to the students as they all are girls students.  
please confirm the dates so that we can do the arrangements accordingly.  
thanking you  
yours truly  
DR.SHIVRAJ GOUNHALLI  
9901410292

On Fri, Jan 25, 2019 at 10:31 AM shivraj gounhalli <sgg19777@gmail.com> wrote:

Sir  
warm Greetings from Smt. V.G College for women Kalaburagi,  
with reference to the cited subject we are very much pleased to have the two day work shop on 1st & 2nd February 2019 in our college.  
please find the confirmation letter for the workshop as the attachment file.  
as per the telephonic talk I request yourself to give some concession to the students as they all are girls' students.  
please confirm the dates so that we can do the arrangements accordingly.  
thanking you  
yours truly  
DR.SHIVRAJ GOUNHALLI  
9901410292

On Thu, Nov 22, 2018 at 12:25 PM Mrityunjay Shukla <shuklamrityunjay89@gmail.com> wrote:

**Respected Sir/Ma'am,**

Greetings...

We are glad to share this information with you. That we have started an initiative for Awareness of Physics Department and to Give Students Industrial Exposure, and Help the Students Become Good Scientist For INDIA.

We, "Team MakeIntern (Training partner of Ecell IIT-Kharagpur)" would like to entreat you to be a part of Biggest competition conducting for Physics Department on behalf of (Ecell IIT-Kharagpur). Only one college would be selected as a zonal centre from a City.

We would like to know if you are interested to participate in this event.

Competition Rounds: There are two rounds in this program.

**First round venue:** Only a few selected Colleges and Your College could be one of them.

**Final Round Venue:** Finale round would be held at INDIAN INSTITUTE OF TECHNOLOGY CAMPUS.

#### DETAILS OF THE EVENT-

First Round-Workshop (To be conducted in your college campus)

Interested people will be given Workshop training on one of the following 6 topics:

1. Solar cell technology
2. Synthesis of Nano Materials
3. Nano Materials and Nano-composites
4. Statistical physics
5. Recent trends in Physics
6. Soft Skills

Above mentioned topics are chargeable and every topic will be of 2 days training (16 hours) and registration Charges are 1150/- per student and minimum 60 students should be there.

All students will be provided the training certificate.

**(Intra collage Competition):**

The students, getting trained will be going through a selection procedure on the end of second day of training, total 5 students will be selected.

**Selection Procedure(Subject to Change):**

1. Mock Test & Quiz
2. Group Discussion
3. Operational idea

### Finale Round at Ecell IIT-Kharagpur

5 selected students will be participating in final competition in Ecell IIT-Kharagpur Event.

### Prize announcement:

1. Top 3 Colleges would be awarded.
2. Winning Trophy along with medals
3. Merit Certificates.
4. Institute will receive the letter of appreciation.

### Infrastructure required from college:

1. Seminar Hall
2. Mike
3. Projector
4. Accommodation & Food for Trainer
5. Internet Connection

OVERVIEW FOR JAN-2016-17

### VIDEO LINK---

1. [https://www.youtube.com/watch?feature=player\\_embedded&v=Aqg1JOzDcuk](https://www.youtube.com/watch?feature=player_embedded&v=Aqg1JOzDcuk)
2. [https://www.youtube.com/watch?v=VKpOU\\_vNyS0](https://www.youtube.com/watch?v=VKpOU_vNyS0)

### Venue:

- 1st Round----- At Selected Colleges
- Finale Round-- In IIT Kharagpur Campus

**Note:** 1. You may select any two consecutive dates before of **30th January**, so that we can conduct the first round training session in your college.

Thanks & Regards

**Mrityunjay shukla**

**Coordinator**

**9212615394,9582668793**



Sender notified by  
Mailtrack



## Mentor's Profile & Arrival Details: National Level Championship

message

From: Sweta Jha <swetamakeintern1@gmail.com>  
To: sgg19777@gmail.com  
Cc: Vibha Jawla <vibhamakeintern@gmail.com>

Sat, Feb 2, 2019 at 4:13 PM

Dear Sir/Ma'am,

Greetings....!

Please find the attached profile of **Mr. Anil**. He would be there to enlighten the students during the session on 4th-5th Feb.

He would be reaching there on 4th Feb's Morning (7 AM) and will leave back after the session.

**Institute need to look after the accommodation & hospitality for the trainer during the session.**

Contact details of **Mr. Anil** is **+91 8999769733**, you can coordinate with him and arrange the facilities accordingly.

**Some Infrastructural support required from college i.e:**

- Seminar Hall
- Mic
- Projector
- Internet Connection
- Pick & Drop from nearest Airport/Railway


Feel free to contact in case of any other query please and thank you for such a wonderful cooperation.

Thanks & Regards:

Sweta Jha  
7290085797



Sender notified by  
Mailtrack

 Mr. Anil\_\_MIM.pdf  
514K

# Mr. Anil



## Overview

A Consummate Research Professional with 8+ years of experience in Chemical Sciences with manifest Leadership qualities & rich experience in Agri Science and Battery Technology. He has worked in various roles including Founder, Professional, Mentor, Trainer and Manager.

## Core Competencies

- R & D
- Program Management
- Agri Business
- Materials
- Six Sigma
- Research & Development
- Quality Management Systems
- Project Management
- Operation Management
- Business Development
- Testing
- Technology Project Management
- Synthetic Organic Chemistry
- X-Ray Crystallography
- Science & Technology Background
- Technology Transfer Facilitation
- Master Quality Assurance Planning
- Battery Active Materials
- Battery Design
- Nickel Cadmium Battery Industry
- Organometallic Chemistry
- NMR Spectroscopy
- Battery Domain Expertise
- Planning & Execution of Projects
- Production Techniques
- Training of executives/workers/associates
- Battery Separators
- Silver-Zinc Industrial Batteries Management
- Lead-Acid Batteries Industry Management



## Professional History

### Trainer - High Value Trainer, Coach, Speaker

He is enlisted as Speaker for-

- TAFE Tractor | Hyundai Motors | Acsen HyVeg | T. Stanes | Endress & Hauser
- URICM, Gandhinagar- Management College are happy customers.
- His training transform participants and add value to their career.
- Repeated training from same client is proof of best delivery of training.
- Use experiential learning methodology for effective and result oriented training's.

### Manager United Phosphorus Limited

As a Manager, I have end to end responsibility for managing the complete process & Quality assurance of crop.

- Process and resource optimization.
- Vegetable and Field crop seed quality.
- Zero defect production.
- FMEA and Designing of Experiment.
- Attended and solved market complaint.
- Customer handling - Solving problems.

### Team Lead DuPont Pioneer

As Head of Team, I have responsible for managing the supply chain management & Production.

- Supply chain management.
- Timely Supply of seeds as per business plan.
- Lean practitioner.
- Quality Seed production.
- Prepare monthly and annual budget.
- A trained safety auditor.

### Senior Executive Bayer Crop Science

He has been providing Advanced training to the employees for different Programs & Production.

- Employee training.
- Quality Assurance.
- Child care programme
- Hybrid Rice production





Student with the Resource person with Certificate of Participation



Students with Resources Person.



To  
The Principal  
Smt. Veeramma Gangasiri Degree College  
Kalaburagi

**Sub:** Permission to attend the WETLAB Championship reg...

Sir

With reference to the above cited subject, our college students were selected for the national level wetlab championship to be held at IIT Hyderabad Campus on 13<sup>TH</sup> October 2019. As per the invitation we are supposed to report to Hyderabad on 12<sup>th</sup> October 2019, hence we request you to permit us to attend the event along with the following students.

**The list of students and the details are:**

S.No	NAME	CLASS.	Stream
1.	Nisha Joshi	B.Sc PASSED OUT STUDENT	Physical Science
2.	Asfiya Samreen T	M.Sc. – 1 SEM	Physical Science
3.	Shreya kulkarani	B.Sc PASSED OUT STUDENT	Physical Science
4.	Sushmita	M.Sc PASSED OUT STUDENT	Physical Science
5.	Muttushree .B	B.Sc 5 <sup>TH</sup> SEM	Physical Science
6.	Shravya Kulkarani	B.Sc 5 <sup>TH</sup> Sem	Physical Science
7.	Moulya	B.Sc 5 <sup>TH</sup> Sem	life Science
8.	Anju kumari	B.Sc 5 <sup>TH</sup> Sem	life Science
9.	Mahalaxmi	B.Sc 3 <sup>rd</sup> Sem	life Science

Kindly consider the application and permit us to attend the same.

Thanking you

NAAC  
Office  
*[Signature]*  
11-10-19

Yours faithfully

*[Signature]*  
Smt. Usha devi Patel  
DR. - 1000 - 1000 - 1000

*[Signature]*  
Dr. Shivraj Gounhalli

Enc:

1. Invitation letter (email copy)
2. Accommodation details
3. Schedule and programme brochure

**Finale Notification: WETLAB Championship:-Makeintern**

3 messages

mohit shah <mohitshah@makeintern.com>  
To: sgg19777@gmail.com

Tue, Sep 10, 2019 at 5:59 PM

Dear Sir/Ma'am,

Good morning....!

As we all are aware that, Finale of WETLAB Championship was scheduled in IIT Madras on 30th Sept 2019 but due to sudden visit of Hon. Prime Minister Mr. Narendra Modi, The event got postponed and Now HRD has shifted the event to IIT Hyderabad Campus to avoid any further delay in commencement of the same.

Therefore, you all requested to confirm your participation in WETLAB Championship by 25th September 2019 as the event is scheduled on 13th Oct and reporting day is 12th Oct 2019.

Registration link: <https://imjo.in/jQUyCH>  
Venue: IIT Hyderabad Campus

Details with regards to your accommodation will be shared with you by 30th Sept.

In case of any query about the event or registration, Please get in touch with undersigned. We would love to assist you.

Thanks &amp; Regards:

Coordinator-Wetlab Team

+919910338092/ +917290085798/+918929017507

Email: [coordinator@wetlabchampionship.com](mailto:coordinator@wetlabchampionship.com)Web: [www.wetlabchampionship.com](http://www.wetlabchampionship.com)

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📎 Agenda\_IITHBT...pdf  
635K

shivraj gounhalli <sgg19777@gmail.com>  
To: mohit shah <mohitshah@makeintern.com>

Mon, Sep 23, 2019 at 10:33 AM

Greetings from Smt.Veeramma Ganagasiri Degree college Kalaburagi Karnataka  
sir

we accept your invitation and our students will participate in the event. total Nine Students will participate in the WETLAB Championship.

the following GIRLS students will participate.

1. Nisha Joshi - Solar Cell Technology
2. Asfiya Samreen T - Solar Cell Technology
3. Shreya kulkarani - Solar Cell Technology
4. Sushmita - Solar Cell Technology
5. Muttushree .B- Solar Cell Technology
6. Shravya Kulkarani -Solar Cell Technology
7. Moulya - RESTRICTIONS DIGESTION OF DNA AND GEL ELECTROPHORESIS
8. Anju kumari - RESTRICTIONS DIGESTION OF DNA AND GEL ELECTROPHORESIS



along with two faculty will accompany with them.  
kindly acknowledge the same and do the needful  
once your conformation is received the fee will be paid through online or at the  
time of registration  
thanking you

[Quoted text hidden]

Ishita <coordinator@wetlabchampionship.com>

To: sgg19777@gmail.com

Cc: mohit shah <mohitshah@makeintern.com>, mohit shah <mohitmakeintern@gmail.com>

Mon, Sep 23, 2019 at 11:11 AM

Dear Sir,

Good morning...!

Thank you for your email. It's been received.

Furthermore, we would like to bring under your kind attention that there has to be at least 3 participants to form a team while in Bio we can see only 2 names. Kindly look into the matter and update us back accordingly.

One faculty coordinator is allowed with one team. Please check with the students once more and do let us know thereafter you are requested to share their travel plans.

Thanks & Regards:

Coordinator-Wetlab Team

+919910338092/ +917290085798/+918929017507

Email: coordinator@wetlabchampionship.com

Web: www.wetlabchampionship.com

**WLC**  
WETLABCHAMPIONSHIP.COM

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On Mon, Sep 23, 2019 at 10:51 AM mohit shah <mohitshah@makeintern.com> wrote:

[Quoted text hidden]

✓✓ Sender notified by  
Mailtrack

---

registration details reg...

3 messages

shivraj gounhalli &lt;sgg19777@gmail.com&gt;

Thu, Sep 26, 2019 at 11:10 AM

To: mohit shah &lt;mohitshah@makeintern.com&gt;, Shweta sharma &lt;coordinator@wetlabchampionship.com&gt;

Greetings from Smt.Veeramma Ganagasiri Degree college Kalaburagi Karnataka

sir

we accept your invitation and our students will participate in the event. total Nine Students will participate in the **WETLAB Championship**.

the following **GIRLS** students will participate.

1. Nisha Joshi - Solar Cell Technology
2. Asfiya Samreen T - Solar Cell Technology
3. Shreya kulkarani - Solar Cell Technology
4. Sushmita - Solar Cell Technology
5. Muttushree .B- Solar Cell Technology
6. Shravya Kulkarani -Solar Cell Technology
7. Moulya - RESTRICTIONS DIGESTION OF DNA AND GEL ELECTROPHORESIS
- 8.Anju kumari - RESTRICTIONS DIGESTION OF DNA AND GEL ELECTROPHORESIS
9. Mahalaxmi -RESTRICTIONS DIGESTION OF DNA AND GEL ELECTROPHORESIS

along with two faculty will accompany with them.

kindly acknowledge the same and do the needful.

fees has been paid through online and the details have been sent through WhatsApp

thanking you

---

mohit shah <mohitshah@makeintern.com>

Thu, Sep 26, 2019 at 11:16 AM



To: shivraj gounhalli <sgg19777@gmail.com>  
Cc: Shweta sharma <coordinator@wetlabchampionship.com>

Dear Sir,

Good morning...!

We have received your email and acknowledging the same.

Kindly note that the championship venue is IIT Hyderabad and you are requested to carry your registration slips(transaction receipts) and Identity cards.

**Thanks & Regards:**

**Coordinator-Wetlab Team**

**+919910338092/ +917290085798/+918929017507**

**Email: coordinator@wetlabchampionship.com**

**Web: www.wetlabchampionship.com**



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[Quoted text hidden]

---

**shivraj gounhalli** <sgg19777@gmail.com>  
To: mohit shah <mohitshah@makeintern.com>

Thu, Oct 10, 2019 at 12:57 PM

Sir we will be reaching hyderabad on 12 October 2019. at 1.00pm. We are 9 students and 2 faculty.  
Please do the needful and acknowledge the same

Thanking you

[Quoted text hidden]



shivraj gounhalli <sgg19777@gmail.com>

## Accommodation details (Wetlab Championship)

1 message -

**mohit shah** <mohitmakeintern@gmail.com>

Mon, Oct 7, 2019 at 5:03 PM

To: navinnegi801@gmail.com

Cc: Sonu Mishra <sonu@makeintern.com>, kashish.makeintern@gmail.com, vibhaj@makeintern.com

Bcc: sgg19777@gmail.com

Dear Sir/Mam,

Greetings..

Here is your Accommodation details:

**Property Name : Spot On OYO 44556 Vista Homes**

**ADDRESS - HIG-A-21, APHB Colony, Jayabheri Enclave, Gachibowli, Hyderabad**

**Check in date- 12th Oct (After 12 PM))**

**Check out date- 13th Oct (Till 11 AM)**

**Reference-- Sonu Mishra**

### Note-

- 1- Make sure to carry your address proof/Id Proof .
- 2- Rooms will be allotted on basis of Triple Occupancy.
- 3- One king size bed + 1 Extra mattress will be given
- 4- You might have to share your room with any one other students .

For Further assistance contact to **Mr. Navin- 7290085798**  
**Mr. Mohit- 8929017507**

**For Any Emergency only- Mr. Sonu Mishra- 9212615394**

We are happy to serve you best .

With Regards,  
Sonu Mishra





E-Cell  
IIT Hyderabad

## WETLAB CHAMPIONSHIP

Workshop partner with E-cell IIT Hyderabad

+91-7290085798(Navin) +91-9212615394(Sonu) +91-8929017507(Mohit)



Date: 10<sup>th</sup> Sept, 2019

### AGENDA

MakeIntern (As an official workshop partner) take this opportunity to invite you for Wetlab Championship which is going to be held at IIT Hyderabad.

It's been 4 consecutive years in which it has seen the best in the country compete amongst. This Championship has been recognized as a platform for the exchange of ideas, innovation and learning by students from all across the nation.

It will be a pleasure to receive participation from your esteemed Institute for this Championship. We will have almost 30+ Colleges from all over India participating this year. We request you to kindly confirm your participation before 25<sup>th</sup> Sept 2019.

The detailed rules and regulations are as follows:

#### Rules regarding the Championship:

1. All participants must be bonafide students of an educational Institution.
2. The participating teams must have strictly 3-5 selected members.
3. The pattern of the presentation shall be according to the guidelines.
4. In case of any doubts and clarifications the Judge's decision shall be final and binding.
5. Changing teammates at any stage of the competition for any reason whatsoever is strictly not allowed.

**Note: Accommodation would be provided for one day i.e. 12<sup>th</sup> Oct, 11 AM onward to 13<sup>th</sup> Oct 11 AM.**

- Students are expected to bring the Valid ID cards and a print out of confirmation mail with regards to their participation from Makeintern/Wetlab Team along with the consent letter of Dean/HOD of your Institute.
- Collect Championship's I-Cards from POC's and confirm your entry on registration desk.
- Collect your lunch Coupon's from Makeintern/Wetlab POC's and ensure your staying arrangements with Makeintern Team.

## **STRUCTURE**

**Presentation Round (13<sup>th</sup> Oct '19)**

Reporting Time: 08:30 AM

Timings: 9 AM-6 PM

Venue: will be communicated on 12th Oct Eve

**Lunch Break: 12:30 PM-1:30 PM**

Event Resume: 1:30 PM-6 PM

### **Topics:**

- Role of Biotechnology in healthcare and medicine
- Microbiological Aspects of Food Safety
- Molecular Diagnostics Immune system and defence mechanism
- Recent advances in Parasitology
- Blue revolution
- Dye-Sensitized solar cells (DSSC)/ Nano-cellulose / Biodegradable materials in Solar cell
- Plant systemic biology
- Bio Synthesis of Nano Materials
- How physics will help to develop Nano devices

**Note:** Students need to select any one topic from the topics mentioned above.

### **Criteria:**

- Presentation Skills (20 Marks)
- Content (30 Marks)
- Subject Knowledge (25 Marks)
- Q& A (25 Marks)

**Maximum Marks: 100**

**Duration: 7 Minutes for Each group (There should not be more than 14 slides)**

**Q & A: 10 Minutes**

**Note:** It has to be a Power Point Presentation.

## **KEY POINTS**

**Accommodation:** Student's accommodation (For one day) will be arranged in nearby Hotels (Sharing Basis) of the campus.

Lunch coupons will be provided from Wetlabchampionship Team during the event.

More details on the same and for any query regarding the event you may contact coordinators.



## **AWARD AND CERTIFICATES**

**Timings: 05:00 PM- 06:00 PM**

The final round shall carry prize money of INR 50,000, which includes first, second and Third Prize. The entire participant's shall be awarded with the certificates of excellence.

We shall look forward to an enthusiastic participation from your college. This Championship is strictly restricted to the selected Merit students only.

### **PRIZES**



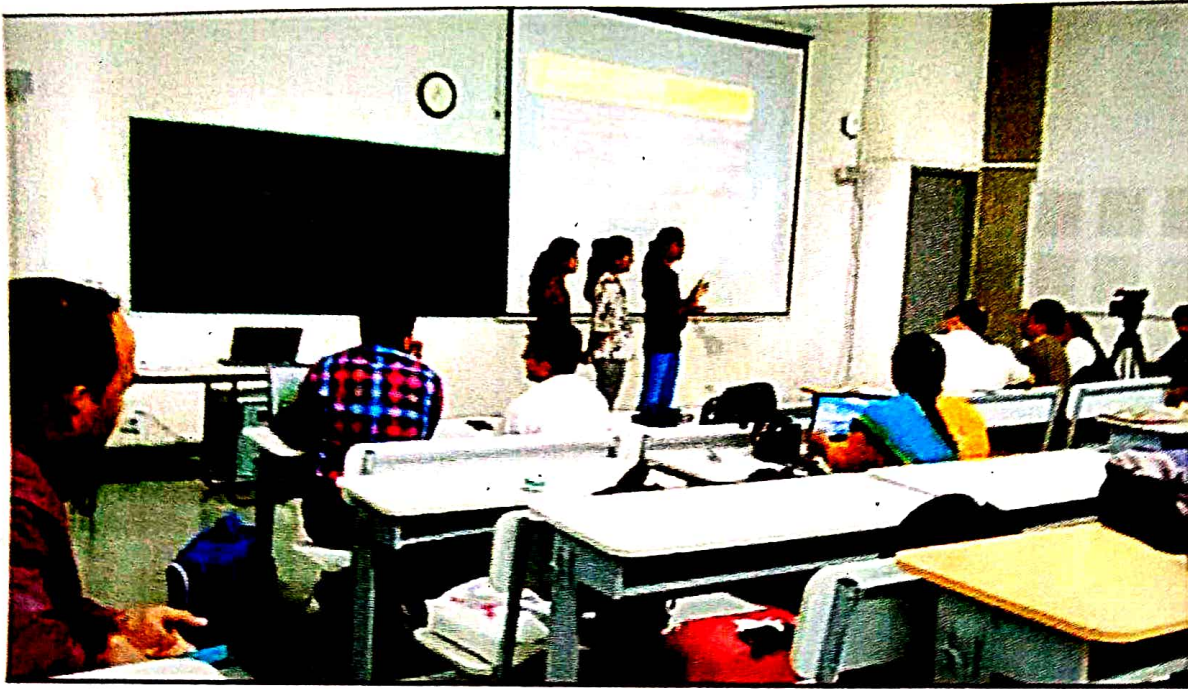
**Winner Group: Rs 25,000/-**  
**First Runner Up: Rs 15,000/-**  
**Second Runner Up: Rs 10,000/-**

*Thank You!*



WETLAB Championship at IIT Hyderabad.





WETLAB Championship at IIT Hyderabad