

IBAB is organizing an **exciting day for science and engineering students** on

**19th February 2017 (Sunday, 10am to 5pm).**

**Thank you for your interest!**

**NO SPOT ADMISSIONS**

**SEATS ARE NOW FULL!**

No more applications please.

Write to [openhouse@ibab.ac.in](mailto:openhouse@ibab.ac.in) for any queries.

### **QUICK LINKS**

**DEBATES**

**POSTERS**

**CASH-PRIZES**

**EVENTS**

**ROUTE MAP**

**BUS-DETAILS**

**Email:** [openhouse@ibab.ac.in](mailto:openhouse@ibab.ac.in)



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### **EVENTS:**

**10.15 to 11.15am**

**EXPERT TALKS (15 to 20 minutes each with additional discussions)**

- Maths and chemistry in bioinformatics [Dr. Srivatsan]
- IT-power for better health and agriculture [Dr. Vijayalakshmi]
- The hidden links and under-current across computers, chemicals, biochemicals, microbes, agriculture, wild life, better drugs, stem cells, nanotechnology, systems biology, and synthetic biology [Dr. Kshitish]

Selected **STUDENT presentations** [5-10 minutes each]

**Tea BREAK & posters** [30 minutes]

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**Poster sessions by students** (will be active with every tea/lunch break - which will in fact have extra time for posters)

**TOPICS** (student opinions, research reports and literature reviews on specific topics are welcome)

1. Present your opinions on current education system, research and jobs OR
2. Present your own review after research papers related to any of the topics listed, particularly in the context of their application to areas such as pharma or farmers: genomics, transcriptomics, proteomics, systems biology, Bio-IT, recombinant DNA technology, and related topics OR

3. Present your research project works from any science/engineering-related topics.

**Poster-details:** 3-foot square posters are preferred.

Simple copying of matter from internet and pasting shall be discouraged.

You can compile information and make your own interpretations or opinions and present them. You can also present your own work from research (internship, projects or summer training) - if you have.

Diagrammatic/artistic representation of scientific components are also welcome!

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Note: Poster can be made by individuals or groups. For categories 1 & 2, there will be a limit of 5 members for each group-poster. Individuals or group can participate in more than one event (poster/debate).

Click here for tips and suggestions for posters.

**11.45 to 12.30**

Part I of debates (see below for details on debate topics etc)

**BREAK for lunch [& posters] 12.30 to 13.00**

**13.00 to 14.00**

**Get glimpses of high-end equipment [and selfies 😊] and research work at this premier institute.**

Tour of computational facilities

Tour of modern biotech facilities

**14.00 to 14.45**

**Debates, part II:** Topics will be selected for first session (at 11.45am) or this session on the 19th itself.

**DEBATE-details:**

Read well, prepare crisp points, expect questions/arguments and counter-arguments

Have references (not the physical books/articles but a proper list - no need to memorize the references) to back-up your points.

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Possible **TOPICS** (10 minutes each)

- GM crops - good / bad
- Ayurveda - pros and cons
- Is evolution an acceptable theory?
- Bioinformatics vs. biotechnology vs. general biology: scope
- Further studies: India or abroad?

Note: You can participate individually or in group of 2 to 4 members from a college. Individual and group can participate in more than one event (poster/debate).

[Click here for more tips and suggestions for debate sessions.](#)

### **Tea BREAK & posters [45 minutes]**

**15.30 to 16.45**

**JOBS & careers** in science domains

20 minutes talk

Discussions on 'decision making' for education/jobs/career

Mock interviews

Open feedbacks, awards & vote of thanks

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### **CERTIFICATES & PRIZES:**

All who participate shall get a digital certificate of participation.

All awardees shall get a special certificate.

Cash prizes of up to rupees 20,000/- are likely to be given to winners (first and second prize exist each for posters and debates).

Note: All decision about organization and award made by panel members or convener/ organizer will be final. All participants have to abide by rules set up by the convener/organizer of the conference/events.

Tea/coffee and lunch shall be arranged for participants on the day of the event.

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#### **Venue:**

Auditorium, IBAB,

Between Velankani and Siemens

(near Arvind gramments)

Electronic City, Phase I

BENGALURU - 560 100

[Click here for route map & bus details](#)

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## POSTER CONTENTS & DESIGN

- Overall size should not be more than 3 x 3 feet
- NO sentence or figure should be copied as it is from internet/books/research papers etc.
- Present YOUR results OR YOUR VIEWS.
- Published /internet figures/tables can be used as reference to modify and recreate for inclusion in poster. All such sources should be acknowledged.

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**TITLE** (must be largest font size in the poster)

**Author names** (medium size but bright colour contrasting from the background; include email address, *in smaller fonts*, for at least one corresponding author)

**Authors' organization** (ordinary size)

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### MAIN BODY OF THE POSTERS

**1. ABSTRACT:** Should be a maximum of 150 words with following contents:

FOR RESEARCH posters: Significance of the broad area of work (one sentence) and specific need for the work (*summary of what was already known and why the current work was needed - about 2 sentences*). Strategy/approach and methods used (2 to 4 sentences). Main observations/results and interpretations (2 to 5 sentences). Future prospects (1 or 2 sentences)

FOR REVIEW posters: Significance of the broad area of work (1 to 3 sentences). Specific aspects reviewed and a summary of procedure of literature review (example key words and search engines were used) (2 to 4 sentences). Important summary points on each aspect of the review (2 to 5 sentences). Current trends and/or future prospects of research in the area (2 to 4 sentences).

**2. INTRODUCTION:**

**Background:** Elaborate the significance of area of work (use schematic representations or pictures to illustrate complex topics - if any). This section will have to be more descriptive for review posters and short for research papers.

**Literature review (only for research posters):** Should summarize what was already known and why the current work was required. Should end in specific objectives of the current study

**Specific aspects and goal of the review (only for review posters):** Provide an outline of the review with headings and subheadings.

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**3. METHODS:** Review posters should present the name(s) of search engines/databases used, detailed query sets used, number of hits of obtained, final number of papers/reviews selected etc. Research posters will have enough methods to describe, but do NOT ignore the overall strategy/approach of the study.

**4. RESULTS (only for research posters):** Use figures/table where necessary. Focus on interpretation of the results.

**OR**

**KEY AREAS REVIEWED (only for review posters):** Present important aspects of known information/results from other research reports in a systematic way with appropriate headings and sub-headings. Use figures/table where necessary.

**5. FUTURE PROSPECTS** (as indicated in the abstract section - but elaborate more).

**6. REFERENCES.** Review posters should have more [10-20] references, they can be minimal [2-5] in case of research posters.

Use the PubMed (text) format for entering references. Example:

1: Wood EJ. Biochemistry and molecular biology teaching over the past 50 years. Nat Rev Mol Cell Biol. 2001 Mar;2(3):217-21. PMID: 11265252.

**7. ACKNOWLEDGEMENTS** section can be there to thank/acknowledge any help received for the work presented.

*Write to us for any help, at [openhouse@ibab.ac.in](mailto:openhouse@ibab.ac.in)*

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## TIPS & SUGGESTIONS FOR DEBATES

- **READ WELL and understand well!**
- **Read latest relevant articles by using PubMed search engine as well as general Google search** *[if you do not know how to use PubMed, write for help at [openhouse@ibab.ac.in](mailto:openhouse@ibab.ac.in)]*
- **Make your stand and try to make precise points during debate.**
- **Organize your points to make or to counter in an order of priority.**
- **Have concrete evidences in a piece of paper or a diary or a note book** (no need to remember all references or supporting experimental data)
- **Remember:**
  - Debate is NOT simply arguing.
  - NEVER make personal remarks on anyone or negative comments on any religion or other aspects that can lead to emotional, illogical arguments.
  - There is no point in sticking to a point just because you said something. No one should try to only prove that he/she is right or other person/group is wrong
  - You have to **listen well** to the other party and respond by agreeing partly or fully, or state why you do not agree.
  - **You must listen to the moderator and follow instructions!**

*Write to us for any help, at [openhouse@ibab.ac.in](mailto:openhouse@ibab.ac.in)*

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