

## RESOURCE PERSONS:

- Dr. Sripama Saha**  
Associate Professor, Dept. of CS&E,  
Indian Institute of Technology, Patna.
- Dr. Kshitish Acharya**  
Faculty Scientist, IBAB, Bengaluru.
- Mr. Akhilesh & Ms. Sravanthi**  
Research Associate, Shodhaka Life Science,  
Bengaluru.
- Ms. Deepshika Arun**  
Biologist from University of Debrecen,  
Hungary,
- Dr. Vanishri Arun**  
Asst. Prof., Dept of ISE, SJCE, JSS Science  
& Technology University, Mysuru.
- Dr. Hema B.P**  
Asst. Prof., Dept of Biotechnology, SJCE, JSS  
Science & Technology University, Mysuru.
- Dr. Kouser,**  
Asst.Prof., Dept. of CS,  
Govt. 1<sup>st</sup> Grade College-Gundlupet, University  
of Mysore, .
- Dr. Megha P. Arakere**  
Assoc. Prof., Dept. of ISE, MSRIT, Bengaluru.
- Dr. N Haraprasad**  
Professor, Dept. of Biotechnology, SJCE, JSS  
Science and Technology University, Mysuru.
- Dr. Vidya Niranjan**  
Professor, Dept. of Biotech., RVCE, Bengaluru
- Dr. Sridhar K.S.**  
Professor, CSE Dept., UBDTCE, Davangere
- Dr. Ashok Gopinath**  
3<sup>rd</sup> Co-Founder and Director, TGB Diagnostics  
Foundation, Bengaluru

## Chief Patrons

- Sri A S Vishwanatha**, President, NES
- Sri T R Ashwathnarayana Setty**, Vice President, NES
- Sri S N Nagaraja**, Secretary, NES
- Sri Amarendra Kireeti**, Joint Secretary, NES
- Sri C R Nagaraj**, Treasurer, NES

## Patrons

- Dr. P. Manjunatha**, Incharge Principal, JNNCE.
- Dr. M. Rajath Hegde**, Dean Infrastructure, JNNCE.

## Organizing Chair

- Dr. Poornima K.M.**, HOD, Dept. of CSE, JNNCE

## Coordinator

- Dr. Nirmala Shivanand**, Professor, Dept. of CS&E,  
JNNCE, Shivamogga.

## Co-Coordinator

- Dr. Jaleshkumar**, Associate Professor, Dept. of Computer  
Science & Engg., JNNCE, Shivamogga.

- Dr. Chetan K.R.**, Associate Professor, Dept. of Computer  
Science & Engg., JNNCE, Shivamogga.

## Organizing Committee

- All Teaching and Non-Teaching staff of Computer  
Science and Engineering Department, JNNCE.

## Address for Communication:

**Dr. Nirmala Shivanand,**  
**Professor, Dept. of CSE, JNNCE,**  
**Shivamogga. Ph: 9448977026**  
**Email: nirmala\_cse@jnnce.ac.in**

**Dr. Jaleshkumar,**  
**Associate Professor,**  
**Dept. of Computer Science & Engg.,**  
**JNNCE, Shivamogga.**  
**Ph: 94494 23361**  
**Email: jaleshkumar@jnnce.ac.in**

National Education Society ®



**J N N College of Engineering  
Shivamogga – 577 204**

(Approved by AICTE, New Delhi, Certified by UGC 2<sup>nd</sup> & 12<sup>B</sup>, Accredited by NAAC – 'B',  
UG Programs: CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA-1.7.2019 to 30.6.2022,  
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Internal Quality Assurance Cell



**AICTE**  
Sponsored

Online Short Term Training Programme (STTP)

On

**AI and other Advances in  
Computational Methods for  
Genomics**

**14.12.2020 to 19.12.2020**

Organized by  
Department of  
Computer Science & Engineering

J N N College of Engineering, Shivamogga



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JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological University (VTU), Belagavi and recognized by AICTE, New Delhi and Government of Karnataka. JNNCE offers B.E., M.Tech., MBA and MCA programmes, as well as M.Sc. (Engg. by Research) and Ph.D. Programmes. JNNCE has emerged as one of the most sought-after education destinations for technical and Management education by students and parents from all over India.

JNNCE is accredited with NAAC – B grade also All 7 UG programmes are Accredited by NBA and is now declared fit to receive central assistance in terms of rules framed under section 2(f) & 12(B) of the UGC act, 1956 under the head 'Non-Government Self-Financed colleges up to Master's degree. JNNCE has emerged as one of the institutions espoused to the cause of professional education, training and research. A New Initiative "Transformation for Excellence 2.0" has been launched for making JNNCE as one of the top engineering, research, innovation and enterprising institutes in next few years.

#### About the Department

The department of Computer Science and Engineering was started in the year 1991. Since then the department has held a position of pride in JNNCE. The Department offers UG - B.E., (CSE), one PG – M.Tech., (CSE) programme. The Department has a recognized research center by VTU- Belagavi. The Department is accredited by National Board of Accreditation (NBA) for the period 2019 to 2022. The department has well qualified, experienced and dedicated faculty to provide quality industry tuned education to the students. The Department Infrastructure fulfils the requirements of academics, supports research and learning skills on the latest technology in the industry. Many research related activities such as conferences, workshops and training programs are organized by the department for both faculty and students.

To be one of the Pre-Eminent departments to provide technical and knowledge based education, Utilizing the potential of Computer science and Engineering to meet the ever changing needs of Industry and Society.

#### Department Mission

Mould the students to meet the emerging challenges of the industry and society, emphasizing on research and effective industry interaction for the development of state of art technical infrastructure and faculty component.

#### About the STTP:

This online STTP is organized for one week. The training programme provides a platform for Industry Professionals, Research scholars, PG Students and faculty of various backgrounds (CSE / ISE / ECE / EEE / TCE / BIO Tech.) to understand the concepts of Genomics, and use of the Artificial Intelligence & other computational methods to process Genomic data. This STTP also explores on Genomic Applications and research outcomes carried by researchers in the field of Genomics. STTP focusses on demo sessions. The Demo sessions are handled by Shodhaka Life Sciences Bengaluru.

#### Topics Covered:

- ♦ Computational Approaches Leveraging Protein Interaction Information for Biomedical Tasks.
- ♦ Demonstrations/Lab sessions.
- ♦ Computational Genomics in Evolutionary perspective .
- ♦ AI driven model development for Genomics.
- ♦ Gene predictive methods and Genomics.
- ♦ Computational Models for non-coding DNA Sequence Analysis - Specific Case study
- ♦ Genome studies and genome annotation.
- ♦ Artificial Intelligence in Genomic Medical Diagnosis.
- ♦ Bio inspired Computing.
- ♦ Genomic Applications and Disruption and many more topics.

Last Date for Registration : 11<sup>th</sup> December, 2020  
 Intimation of Selection : 12<sup>th</sup> December, 2020  
 AICTE-STTP Programme Date : 14<sup>th</sup> -19<sup>th</sup> December, 2020  
 Time : 10.00 AM to 1.00 PM and 2.30 PM to 4.00 PM

#### Registration

No Registration FEE

Registration Link:

<https://forms.gle/MV4CwP4U46Mx21uC6>

Online Google-meet link will be provided through Mail or Whatsapp.

#### Who can attend:

Industry Professionals / Faculty Members / Research Scholars / PG Students of (CSE / ISE / ECE / EEE / TCE / BIO Tech.) Engineering of AICTE approved Institutions / University can attend the STTP.

#### Guidelines:

E-Certificate will be provided.  
 100% Attendance and Score of 60% in quiz is mandatory to issue E-Certificate. Registration selection process is based on first come first serve.

#### Contact details:

Dr. Nirmala Shivanand,

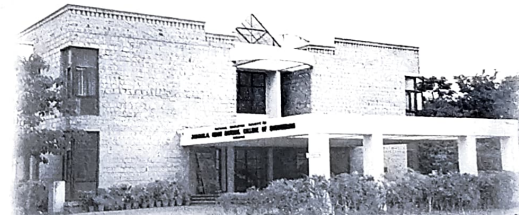
Ph: 94489 77026

Email: [nirmala\\_cse@jnnce.ac.in](mailto:nirmala_cse@jnnce.ac.in)

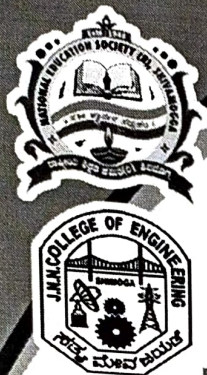
Dr. Jaleshkumar and Dr. Chetan K.R.

Ph: 94494 23361, 99009 23050

Email: [jaleshkumar@jnnce.ac.in](mailto:jaleshkumar@jnnce.ac.in)



Please visit the webpage for STTP



National Education Society (R.)

# J N N College of Engineering, Shivamogga

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UG Programs : CE, ME, EEE, ECE, CSE, ISE, TCE accredited by NBA: 1.7.2019 to 30.6.2022)

## Department of Computer Science and Engineering INVITATION

*Cordially invites you for the Inauguration function of*



**AICTE** Sponsored

Online Short Term Training Programme (STTP)

on

**AI and other Advances in Computational Methods for Genomics**

*On Monday 14.12.2020 at 10.00 AM*

Chief Guest : **Dr. Sriparna Saha**  
Associate Professor, Dept. of CS&E,  
Indian Institute of Technology, Patna.

Guest of Honor : **Sri S N Nagaraja,**  
Secretary, NES, Shimoga

Presided by : **Dr. P. Manjunatha**  
Incharge Principal, JNNCE, Shimoga

Presence : **Dr. M. Rajath Hegde**  
Dean Infrastructure, JNNCE, Shimoga

**Dr. Poornima K.M.**  
HoD, Dept. of CS&E, JNNCE, Shimoga

**Dr. Nirmala Shivanand**  
Professor, Coordinator -STTP , Dept. of CS&E,  
JNNCE, Shimoga

HOD, Faculty & Staff, Dept. of CS&E

## JNN College of Engineering

Dept. of Computer Science and Engg.

AICTE STTP(online) on "AI and other advances in Computational Methods for Genomics"  
Schedule of STTP ( December 14<sup>th</sup> – 19<sup>th</sup>, 2020 ) :

| Days                            | 10:00am-11:300am  | 11.30-1.00pm  | 2.30pm- 4:00pm   |
|---------------------------------|---|---|--|
| <b>Monday<br/>14/12/2020</b>    | KeyNote Address<br>(Dr. Sriparna Saha<br><b>Associate Professor,<br/>Department of Computer<br/>Science and Engineering, Indian<br/>Institute of Technology Patna</b> )<br>Topic : Computational<br>Approaches Leveraging Protein<br>Interaction Information for<br>Biomedical Tasks. | (Dr. Kshitish Acharya,<br><b>Faculty Scientist, IBAB,<br/>Bengaluru</b> )<br>Topic: an overview of<br>contribution of computational<br>methods to advances in<br>current life sciences and<br>scope for AI                        | (Dr. Kshitish Acharya<br><b>Faculty Scientist , IBAB,<br/>Bengaluru</b> )<br>Topic: Case studies in<br>computational biology especially<br>in the mass scale data analysis |
| <b>Tuesday<br/>15/12/2020</b>   | (Mr. Akhilesh and Ms.Sravanti Research associates,<br><b>Shodhaka Life Sciences, Bengaluru</b> )<br>Topics (i)An introduction to the pipelines used in NGS data analysis and demonstrations<br>(ii) Research case studies for computational analysis of biological data               |   |  |
| <b>Wednesday<br/>16/12/2020</b> | (Deepshika Arun<br><b>Biologist from University of<br/>Debrecen, Hungary )</b><br>Topic : Computational<br>Genomics in Evolutionary<br>perspective  | (Dr.Vanishri Arun<br><b>Asst. Prof.,Dept of ISE<br/>SJCE, JSS Science and<br/>Technology University<br/>SJCE, Mysuru)</b><br>Topic: AI driven model<br>development for Genomics   | (Dr.Hema B.P<br><b>Asst. Professor<br/>Dept of Biotechnology<br/>SJCE,JSSSTU ,Mysuru)</b><br>Topic: Gene predictive<br>methods and Genomics.                               |
| <b>Thursday<br/>17/12/2020</b>  | (Dr. Vidya Niranjana,<br><b>Professor, Dept. Of<br/>Biotechnology, RVCE,<br/>Bengaluru</b> )<br>Topic :Mutation Analysis- A<br>study on the Genome of<br>Mycobacterium tuberculosis<br>and future prospects.  | (Dr.Hema B.P<br><b>Asst. Professor<br/>Dept of<br/>Biotechnology<br/>SJCE,JSSSTU ,Mysuru).</b><br>Topic : Genome studies and<br>genome annotation   | (Dr. Megha P. Arakere<br><b>Associate Prof., dept of<br/>ISE,MSRIT ,Bengaluru)</b><br>Topic : Artificial Intelligence in<br>Genomic Medical Diagnosis.                     |
| <b>Friday<br/>18/12/2020</b>    | (Dr. N. Haraprasad<br><b>Professor, Dept of<br/>Biotechnology SJCE, JSS<br/>Science and Technology<br/>University,Mysuru)</b><br>Topic:AI deception in<br>Genomics.   | (Dr.Kouser,<br><b>Asst.Prof., CSE Dept.<br/>Govt. 1<sup>st</sup> Grade college<br/>UoM, Gundlupet)</b><br>Topic: Computational Models<br>for non-coding DNA Sequence<br>Analysis (Specific Case study<br>with Promoter Sequences) | (Dr. Sridhar K.S.<br><b>Professor, Dept of CSE.<br/>UBDTCE, Davangere)</b><br>Topic :. Bio inspired Computing  |
| <b>Saturday<br/>19/12/2020</b>  | (Dr.Ashok Gopinath<br><b>3<sup>rd</sup> Co-Founder and Director,<br/>TGB Diagnostics Foundation,<br/>Bengaluru</b> )<br>Topic: Genomic applications<br>and Disruption   | <b>QUIZ ( 30 mins) followed by<br/>Valedictory.</b>   |  |



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**Department of Computer Science and Engineering**  
AICTE Sponsored Online Short Term Training Programme (STTP) on  
**AI and other Advances In Computational Methods for Genomics**

# *Certificate*

*This is to certify that Mr. Manjunatha A.S., Shri Madhwa Vadiraja Institute of Tech. & Mgmt, Bantakal has successfully completed one week AICTE sponsored online Short Term Training Programme (STTP) on AI and other Advances in Computational Methods for Genomics organized by the Dept. of CS&E, JNNCE, Shivamogga. During 14.12.2020 to 19.12.2020.*

*Nirmala*

Dr. Nirmala Shivanand  
Professor, Coordinator -STTP,  
Dept. of CS&E, JNNCE

*Poornima K.M.*

Dr. Poornima K.M.  
HoD, Dept. of CS&E, JNNCE

*[Signature]*

Dr. P. Manjunatha  
Incharge Principal, JNNCE

# Feedback Form

AICTE SPONSORED STTP on : AI and Other Advances in Computational Methods for Genomics

Date: 14-12-2020 to 19-12-2020

Organised by:

Department of Computer Science & Engineering,

JNN College of Engineering,

Shivamogga

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\* Required

1. Email \*

\_\_\_\_\_

2. Full name with salutation (as to be appear in certificate) \*

\_\_\_\_\_

3. Name of the Institution/Organization \*

\_\_\_\_\_

4. Contact Number \*

\_\_\_\_\_

5. Rate on topics of the sessions \*

*Mark only one oval.*

|     | 1                     | 2                     | 3                     | 4                     | 5                     |      |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|
| Low | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | High |

6. Rate on Knowledge of the speaker \*

Mark only one oval.

|     |                       |                       |                       |                       |                       |      |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|
|     | 1                     | 2                     | 3                     | 4                     | 5                     |      |
| Low | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | High |

7. Rate on Time Management of Sessions \*

Mark only one oval.

|     |                       |                       |                       |                       |                       |      |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|
|     | 1                     | 2                     | 3                     | 4                     | 5                     |      |
| Low | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | High |

8. Rate on Communication of information to participants

Mark only one oval.

|     |                       |                       |                       |                       |                       |      |
|-----|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|------|
|     | 1                     | 2                     | 3                     | 4                     | 5                     |      |
| Low | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | High |

9. Rate on Use full ness of STTP \*

Mark only one oval.

|     |                       |                       |                       |                       |                       |      |
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|     | 1                     | 2                     | 3                     | 4                     | 5                     |      |
| Low | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | <input type="radio"/> | High |

10. Rate on content delivery of sessions \*

Mark only one oval.

|     |                       |                       |                       |                       |                       |      |
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|     | 1                     | 2                     | 3                     | 4                     | 5                     |      |
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|------------|------------|---|---------------|---|---|---|---|---|
| 2020/11/28 | sandeepS   | UNIVERSITY OF AGRICULTURE               | 9591055650    | 4 | 4 | 4 | 4 | 4 |
| 2020/11/28 | soumyaI    | RV COLLEGE OF ENGINEERING               | 9353789121    | 5 | 5 | 5 | 5 | 5 |
| 2020/11/28 | srivinyDr. | SUBBAIAH INSTITUTE OF ENGINEERING       | 9108594435    | 4 | 4 | 4 | 4 | 4 |
| 2020/11/28 | pooja.rs   | NATIONAL COLLEGE OF PHARMACY            | 9483991129    | 4 | 4 | 4 | 4 | 4 |
| 2020/11/28 | suma.sh    | SAHYADRI SCIENCE COLLEGE                | 9632348134    | 5 | 5 | 5 | 4 | 5 |
| 2020/11/28 | drsridev   | SREE BALAJI MEDICAL COLLEGE             | 9703809994    | 4 | 5 | 4 | 4 | 4 |
| 2020/11/28 | ankithst   | KUVEMPU UNIVERSITY                      | 6362181977    | 4 | 4 | 3 | 3 | 4 |
| 2020/11/28 | prathibPr  | NATIONAL COLLEGE OF PHARMACY            | 7406309695    | 2 | 2 | 3 | 3 | 3 |
| 2020/11/28 | giri.bioc  | SAHYADRI SCIENCE COLLEGE                | 8884107277    | 4 | 4 | 3 | 4 | 4 |
| 2020/11/28 | dravinash  | TMC-ACTREC NAVI MUMBAI                  | 9975629029    | 3 | 4 | 3 | 3 | 3 |
| 2020/11/28 | keerthir.  | UNIVERSITY OF AGRICULTURE               | 8884025613    | 5 | 4 | 4 | 5 | 5 |
| 2020/11/28 | anithaDr   | KUVEMPU UNIVERSITY                      | 9164853254    | 4 | 4 | 3 | 4 | 4 |
| 2020/11/28 | ravindra   | JNNCE, SHIVAMOGGA                       | 9880684060    | 5 | 5 | 5 | 5 | 5 |
| 2020/11/28 | bmgdya     | SAHYADRI SCIENCE COLLEGE                | 9591630469    | 3 | 3 | 3 | 3 | 3 |
| 2020/11/28 | sampadMrs. | SAHYADRI SCIENCE COLLEGE                | 8073079307    | 4 | 4 | 3 | 4 | 4 |
| 2020/11/28 | hemava     | SAHYADRI SCIENCE COLLEGE                | 7090151252    | 5 | 5 | 5 | 4 | 5 |
| 2020/11/28 | ghashar    | SAHYADRI SCIENCE COLLEGE                | 8073622558    | 4 | 4 | 4 | 4 | 4 |
| 2020/11/28 | jamunaDr.  | PG DEPT. OF BIOTECHNOLOGY               | 9844239820    | 4 | 4 | 5 | 4 | 4 |
| 2020/11/28 | kalaimai   | PSGR KRISHNAMMAL COLLEGE                | 9952455721    | 5 | 4 | 4 | 4 | 5 |
| 2020/11/28 | santhosDr. | NMAM INSTITUTE OF TECHNOLOGY            | 9900368688    | 5 | 5 | 5 | 5 | 5 |
| 2020/11/28 | asha.cse   | DR. AMBEDKAR INSTITUTE OF TECHNOLOGY    | 9458605797    | 4 | 4 | 4 | 4 | 4 |
| 2020/11/28 | rajajjct   | J. J. COLLEGE OF ENGINEERING            | 9944226829    | 4 | 3 | 4 | 4 | 4 |
| 2020/11/28 | eansTara   | MAHARAJGUNJ MEDICAL COLLEGE             | 00977-9863022 | 5 | 4 | 4 | 4 | 4 |
| 2020/11/28 | puttegowda | ATME COLLEGE OF ENGINEERING             | 9900622014    | 4 | 5 | 4 | 5 | 4 |
| 2020/11/28 | dnyanesh   | ALL INDIA INSTITUTE OF MEDICAL SCIENCES | 91904E+11     | 5 | 5 | 4 | 4 | 5 |
| 2020/11/28 | drvictori  | REGIONAL INSTITUTE OF MEDICAL SCIENCES  | 9739143218    | 5 | 5 | 5 | 5 | 5 |
| 2020/11/28 | pallaviDr. | SAHYADRI SCIENCE COLLEGE                | 9480162603    | 4 | 4 | 4 | 4 | 4 |
| 2020/11/28 | gurumurthy | GM INSTITUTE OF TECHNOLOGY              | 9591937069    | 5 | 5 | 5 | 5 | 5 |
| 2020/11/28 | SachinT N  | SAHYADRI SCIENCE COLLEGE                | 8762354382    | 5 | 5 | 4 | 5 | 5 |
| 2020/11/28 | docpadr    | MNR MEDICAL COLLEGE & HOSPITAL          | 9848215302    | 4 | 4 | 4 | 4 | 4 |



Date: 21/12/2020

## **Proceedings of the online AICTE STTP on “AI and other advances in Computational Methods for Genomics “**

The AICTE Sponsored online STTP on “AI and other advances in computational methods for Genomics was organized by Department of Computer Science and Engineering, JNN College of Engineering Shivamogga, Karnataka state, from 14/12/2020 to 19/12/2020. The participants for this STTP were faculty, PG students, Research Scholars from CSE, ISE, Biotechnology Engineering and MCA department. Total 47 participants registered to the STTP.


On 14/12/2020, The STTP was inaugurated by the Chief Guest Dr. Sriparna Saha, Associate Professor, Department Computer Science & Engg., IIT, Patna and Guest of Honor Sri S.N. Nagaraja, Secretary ,National Education Society, Shivamogga. Inauguration is followed by the keynote speech by Dr. Sriparna Saha on the Topic “Computational approaches Leveraging Protein Interaction Information for Biomedical Tasks “. From 14/12/2020 to 19/12/2020 speakers delivered talks on many interesting topics related to AI and Computational methods for Genomics.

on 14/12/2020 Dr. Kshitish Acharya, Shared his knowledge on “contribution of computational methods to advances in current life sciences and scope for AI”. In afternoon session he explored on the case studies in computational Biology where Computer science professional could develop methodologies related to regulatory regions in genes, Transcriptomics, Proteomics and so on. On 15/12/2020, Mr Akhilesh and Ms. Sravanti, Research associates at Shodhaka Life sciences, Bengaluru, delivered expert talks on Microarray, NGS technology, Challenging aspects of NGS, Tools for sequencing genomic data, Denova assembly and research work carried out by them on Lung cancer and breast cancer. On 16/12/2020, Ms. Deepshika Arun, Biologist, University of Debrecen, Hungary, gave insight into the Computational Genomics in Evolutionary perspective. Dr. Vanishri Arun, Asst. Prof., Dept of ISE, SJCE, JSS Science and Technology University, SJCE, Mysuru, gave an expert talk on Ai driven model development for Genomics with illustrations. She explained how the machine learning techniques could be used to solve complex Genomic tasks. Also she gave an insight on Biopython tool and Sqiggle tool. On 16/12/2020 and 17/12/2020, Dr. Hema B.P., Asst. Professor, Dept of Biotechnology, SJCE, JSSSTU, Mysuru, shared her knowledge on Gene prediction methods and Genomics. She explored on Challenges in Gene finding, gene annotation, tools for gene annotation and handled lab session on use of BLAST tool .On 17/12/2020 Dr. Vidya N., Professor, Dept. of Biotechnology, RVCE, Bengaluru, shared her research findings on Mutation Analysis- A study on the Genome of Mycobacterium tuberculosis and future prospects. Dr. Megha Arakere, Associate Prof., Dept of ISE, MSRIT, Bengaluru, explored on: Artificial Intelligence in Genomic Medical Diagnosis.

On 18/12/2020, Dr. N. Haraprasad ,Professor, Dept of Biotechnology SJCE, JSS Science and Technology University, Mysuru , explored on AI deception in Genomics & managing AI deception. Dr. Kouser, Asst.Prof., CSE Dept.,Govt. 1<sup>st</sup> Grade college, Gundlupet shared her research findings on Computational Models for non-coding DNA Sequence Analysis – A specific Case study with Promoter Sequences. Dr. Sridhar K.S. gave insight into Bio-inspired computing, representation of Gene, Techniques to simulate SWARM intelligence and applications of Swarm Intelligence in real life.

On 19/12/2020, Dr. Ashok Gopinath, Co-Founder and Director, TGB Diagnostics Foundation, Bengaluru, gave an expert talk on Genomic applications and Disruption. Overall, all the sessions were interested and participants interacted with the experts and got benefitted by the STTP. Quiz was conducted for participants in next session. Quiz answers were evaluated by expert team. After quiz session the valedictory function of the STTP is performed and feedback was collected from the participants.

Date : 21/12/2020

  
**PROFESSOR & HEAD**  
Dept. of Computer Science & Engg.  
J.N.N. College of Engineering  
SHIVAMOGGA - 577 204.

  
**Coordinator of AICTE STTP- AI and Genomics**

(Dr. Nirmala Shivanand)

Professor, CS&E Department

JNN College of Engg.,

Shivamogga.