

Ref: AIET/2020-21/RM/ECE/01

Date: 20-10-2020

To

The Principal  
Alva's Institute of Engineering and Technology  
Mijar, Moodbidri 574225

Respected Sir

**Sub: Requisition to conduct a talk on Research challenges in Optical Communication**

With reference to the above subject I request you to permit me to conduct a talk on  
"Research challenges in Optical Communication" by Prof. S.V. Niranjana Murthy,  
Dept. of E&CE, RLJIT, Doddaballapur, in order to inculcate the Research knowledge  
among the students & faculty 21<sup>st</sup> October 2020. Kindly oblige and do the needful.

Thanking you

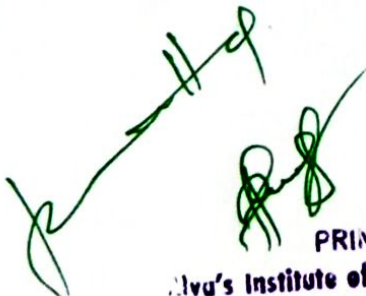


HOD

Dr. D V Manjunatha

**H. O. D.**

Dept. Of Electronics & Communication  
Alva's Institute of Engg. & Technology  
Mijar, MOODBIDRI - 574 225



PRINCIPAL

Alva's Institute of Engg. & Technology,  
Mijar. MOODBIDRI - 574 225, D.K

**Date: 20-10-2020**

To,

**Prof. S.V. Niranjana Murthy,**  
**Dept. of E&CE, RLJIT,**  
**Doddaballapur,**

Dear Sir,

**Sub: Invitation for a talk on Knowledge Management & Intellectual Property.**

I am pleased to have the honour of inviting you for a talk on **"Research challenges in Optical Communication"** for our institute Research Activity. We have arranged your lecture at our institution on **21<sup>st</sup> October 2020**. Kindly accept our request as a guest speaker

Thanking You

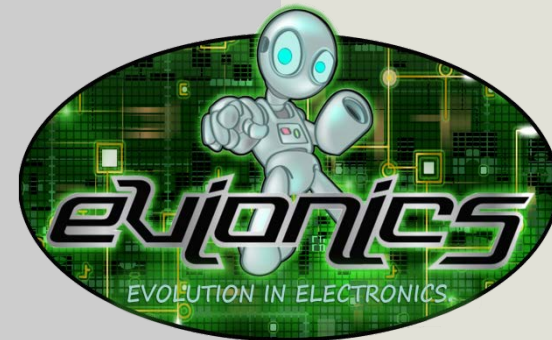
With warm regards



Principal  
**PRINCIPAL**  
**Alva's Institute of Engg. & Technology,**  
**Mijar. MOODBIDRI - 574 225, D.K**

**ALVA'S INSTITUTE OF ENGINEERING AND  
TECHNOLOGY**

**Dept. of Electronics and  
Communication Engineering**



*“Recent Trends in Optical  
Communication and patents  
Rights”*

To,



*We cordially invite you to the*

Technical Talk on

***"Research challenges in Optical  
Communication "***

by

**Prof. S.V. Niranjana Murthy,  
Dept. of E&CE, RLJIT, Doddaballapur.**

**Venue: Engineering Seminar Hall Main Block**

**Date: 21/10/ 2020 by 11 AM**

**Mr. Aneesh Jain**  
Technical Coordinator

**Dr. D V Manjunatha**  
H.O.D.

***PROGRAMME SCHEDULE***

- Invocation
- Welcome Speech
- Introduction of Chief Guest
- Technical talk
- Honoring the chief guest
- Vote of thanks

**Staff & Students  
Department of E & C Engineering**

### **Tech Talk Report on Research challenges in Optical Communication**

The technical talk was organized on 21/10/2020 by the resource person Prof. S.V. Niranjana Murthy, Dept. of E&CE, RLJIT, Doddaballapur. The Topic was about “**Research challenges in Optical Communication**” which includes types of optical fibers, manufacturing steps of optical fibers, principle of operation, application of optical fibers, advantages of optical fiber communication over other types of communication, disadvantages are discussed by the resource person.



**Talk on Recent Trends in Optical Communication and patents Rights**






### Talk on Recent Trends in Optical Communication and patents Rights

He also highlighted patents right and the procedure for patenting. Also mentioned wide opportunity for research in the area of optical fiber communication. Finally he concluded his talk by giving insight of their lab and the research culture in the institute

**Outcome:** Students and Faculty of the ECE department got the knowledge about recent trends of optical fiber communication its challenges so that they can take this further for projects or research area

  
Coordinator

  
Head of the Department  
Dr. D V Manjuntha  
H. O. D.  
Dept. Of Electronics & Communication  
Alva's Institute of Engg. & Technology  
Mijar, Moodbidri - 574 225

## Contact

[www.linkedin.com/in/niranjana-murthy-s-v-bb622318](https://www.linkedin.com/in/niranjana-murthy-s-v-bb622318) (LinkedIn)

## Top Skills

University Teaching

Higher Education

Curriculum Development

# niranjana murthy s.v

Associate professor at UBBDT ENGG COLLEGE, DAVANGERE  
Karnataka

## Experience

UBBDT ENGG COLLEGE, DAVANGERE

Associate professor

January 2006 - Present (16 years 3 months)

TECHNICAL EDUCATION in KARNATAKA and VTU  
TEACHING B.E and M.TECH Courses IN e & c ENGG  
December 1977 - December 2016 (39 years 1 month)  
INDIA

ubdt college

assistant professor

October 1995 - December 2005 (10 years 3 months)

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## Education

PUC at davangere, karnataka

· (1969 - 1969)

Santebennur, davangere district, karnataka

PUC at Davangere, karnataka · (1965 - 1968)



## Department of Electronics & Communication Engineering

### Academic Year 2020-21

### Students Attendance Sheet

### 5<sup>th</sup> Sem

Session: Research challenges in Optical communication

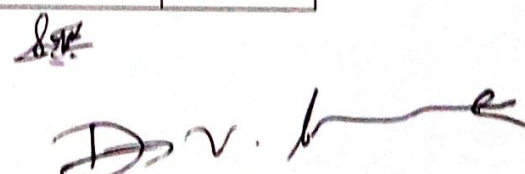
Trainer Name: Prof. S.V Niranjan Murthy.

| #   | USN        | Name                     |    |  |
|-----|------------|--------------------------|----|--|
| 1.  | 4AL17EC088 | Shradha                  | P  |  |
| 2.  | 4AL18EC003 | Abhishek S               | P  |  |
| 3.  | 4AL18EC004 | Adarsh S                 | P  |  |
| 4.  | 4AL18EC005 | Akshatha Y E             | P  |  |
| 5.  | 4AL18EC006 | Annapurna                | P  |  |
| 6.  | 4AL18EC007 | Archana H N              | P  |  |
| 7.  | 4AL18EC008 | Ashwini R G              | P  |  |
| 8.  | 4AL18EC009 | Bhavana B                | P  |  |
| 9.  | 4AL18EC010 | Charan R Naik            | P  |  |
| 10. | 4AL18EC011 | Darshan Ravi Savukar     | P  |  |
| 11. | 4AL18EC012 | Deepthi J                | P  |  |
| 12. | 4AL18EC013 | Dhanush K                | P  |  |
| 13. | 4AL18EC014 | Dhanyakumar C A          | P  |  |
| 14. | 4AL18EC015 | Gavisidappa              | P  |  |
| 15. | 4AL18EC016 | Gouri R S                | P  |  |
| 16. | 4AL18EC018 | Gulbi Gouri Shankar      | P  |  |
| 17. | 4AL18EC019 | Harshitha D S            | P  |  |
| 18. | 4AL18EC020 | Harshitha H              | P  |  |
| 19. | 4AL18EC022 | Jayasoorya               | P  |  |
| 20. | 4AL18EC023 | K Gaurav Shet            | P  |  |
| 21. | 4AL18EC024 | Khazi Moin Ahammed       | P  |  |
| 22. | 4AL18EC025 | Kiran                    | P  |  |
| 23. | 4AL18EC026 | Kirti Baswaraj Shivapuje | P  |  |
| 24. | 4AL18EC027 | Konduru Naga Hemanth     | AB |  |
| 25. | 4AL18EC029 | Likith N Gowda           | P  |  |
| 26. | 4AL18EC030 | Mallappa S Paragond      | P  |  |
| 27. | 4AL18EC031 | Manavi                   | P  |  |
| 28. | 4AL18EC032 | Mohammed Saqlain Baig    | P  |  |
| 29. | 4AL18EC033 | Muttanna A Muttur        | P  |  |
| 30. | 4AL18EC034 | Nandakumar D N           | P  |  |
| 31. | 4AL18EC035 | Neha T                   | P  |  |
| 32. | 4AL18EC036 | Nithyashree S            | P  |  |
| 33. | 4AL18EC037 | Pavitra Chikkaveermath   | P  |  |
| 34. | 4AL18EC040 | Preetham S Rai           | P  |  |



|     |            |                          |    |  |
|-----|------------|--------------------------|----|--|
| 35. | 4AL18EC041 | Priya P Rao              | P  |  |
| 36. | 4AL18EC042 | Rakshitha C U            | AB |  |
| 37. | 4AL18EC043 | Rashmi Kallakkanavar     | P  |  |
| 38. | 4AL18EC044 | Rubesh Murthy G          | P  |  |
| 39. | 4AL18EC045 | Sanjeev Kumar V          | P  |  |
| 40. | 4AL18EC046 | Santhoshkumar Reddy      | P  |  |
| 41. | 4AL18EC047 | Shalivahan Ishwar Kumbar | P  |  |
| 42. | 4AL18EC048 | Shashank S P             | AB |  |
| 43. | 4AL18EC049 | Sindhu S                 | P  |  |
| 44. | 4AL18EC050 | Sneha G                  | P  |  |
| 45. | 4AL18EC051 | Sourav K                 | P  |  |
| 46. | 4AL18EC053 | Sudha R channappaGoudar  | P  |  |
| 47. | 4AL18EC054 | Suvarna K N              | P  |  |
| 48. | 4AL18EC055 | Vaishnavi M              | P  |  |
| 49. | 4AL18EC056 | Vasanth Kumar P R        | P  |  |
| 50. | 4AL18EC057 | Vathsala S               | P  |  |
| 51. | 4AL18EC059 | Vishwesh V,Bhat          | P  |  |
| 52. | 4AL18EC060 | Yashwanth                | P  |  |
| 53. | 4AL19EC402 | Shivani                  | P  |  |
| 54. | 4AL19EC403 | Shriraksha               | P  |  |
| 55. | 4AL18EC061 | Pratheek Shet            | AB |  |
| 56. | 4AL19EC400 | Akshaya Kumar            | AB |  |
| 57. | 4AL19EC401 | Sampath Kumar            | P  |  |

  
**Faculty In Charge**

  
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