

National Education Society (R.)
**J N N College of Engineering,
Shivamogga**



(Approved by AICTE, New Delhi, Certified by USC 21 & 12B, Accredited by NAAC -'B',
UG programs: CE, ME, EEE, ECE, COE, ISE, ETE accredited by NBA-17.2019 to 2022, Recognized by Govt. of Karnataka and Affiliated to VTU, Belga))

INVITATION

Department of Computer Science and Engineering

Cordially invites you to the Valedictory function of

SHORT TERM TRAINING PROGRAM on **Artificial Intelligence & Machine Learning**

On October 1st 2021 at 3.30 PM

Gracious Presence: **Dr. Balaji Prabhu B. V.**
Resource Person, Associate Professor
Malnad College of Engineering, Hassan

Dr. M. M. Rajath Hegde
Dean Infrastructure

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

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

Coordinators: **Mrs. Sreedevi S.**
Asst. Prof., Dept. of CS&E, JNNCE

Mrs. Pushpa R N
Asst. Prof., Dept. of CS&E, JNNCE

Mr. Sayyed Johar
Asst. Prof., Dept. of CS&E, JNNCE

Time: 03.30 PM to 04.30 PM

Venue : Dr. APJ Abdul Kalam Seminar Hall,
CS&E, JNNCE CAMPUS, Shivamogga

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

Registration Form
SHORT TERM TRAINING PROGRAM (STTP)
 On
"Artificial Intelligence and Machine Learning"
 27th Sep to 2nd Oct 2021.

1. Name: _____
 2. Designation: _____
 3. Department: _____
 4. Institution: _____
 5. Email-ID: _____
 6. Mobile No: _____

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the STTP on "Artificial Intelligence and Machine Learning" Program. If selected, I shall attend the program for the entire duration.

Date: _____
 Place: _____
 Signature of the Applicant: _____

Mr./Ms./Dr. _____ is an Employee of our Institute and is hereby authorized for the above One Week STTP.

Name: _____
 Title: _____
 Head of the Institution: _____

Payment through: Google Pay to 6080164756

Chief Patrons
 Sri S Vishwanatha, President, NES
 Sri T R Ashwathnarayana Setty, Vice President, NES
 Sri S N Nagaraja, Secretary, NES
 Sri Amarendra Keseth, Joint Secretary NES
 Sri C R Nagaraj, Treasurer, NES

Patrons
 Dr. P. Marjunatha, Principal, JNCE, Shivamogga
Program Chair
 Dr. M. M. Rajath Hegde, Dean Infrastructure, JNCE, Shivamogga

Organizing Chair
 Dr. Poornima K M, HOD, Dept. of CS&E, JNCE
Coordinators
 Mrs. Sreedevi S, Asst. Prof. Dept. of CS&E, JNCE
 Mrs. Pushpa R N, Asst. Prof. Dept. of CS&E, JNCE
 Mr. Sayyed Johar, Asst. Prof. Dept. of CS&E, JNCE

Organizing Committee
 All Teaching and Non-Teaching staff of Computer Science and Engineering Department

Resource Person
 Dr. Balaji Prabhhu B V
 Associate Professor
 Mahad College of Engineering, Hassan

Address for Communication:
 Mrs. Sreedevi S, Ph: 953652747,
 E-mail: sreedevi@jncc.ac.in
 Mrs. Pushpa R N, Ph: 9739767925,
 E-mail: pushpa@jncc.ac.in
 Mr. Sayyed Johar Ph: 9886164756,
 E-mail: sayyedjohar@jncc.ac.in

National Education Society
J N N College of Engineering
 Shivamogga - 577 204
 Affiliated to VTU Belagavi, Recognized by Govt. of Karnataka
 Accredited by NBA (for UG Branches), Accredited by NAAC
 and Approved by AICTE, New Delhi



SHORT TERM TRAINING PROGRAM
 On
Artificial Intelligence and Machine Learning
 27th Sep. to 2nd Oct. 2021

Organized by
 Department of Computer Science and Engineering
 In Association with



Department of
 Computer Science and Engineering
 J N N College of Engineering,
 Shivamogga - 577 204

JNNCE
was established in the year 1990 by the National Education Society. The college is affiliated to Vellore Institute of Technology (VTU), Chennai and recognized by AICTE, New Delhi and Government of Karnataka. JNNCE offers B.Tech., M.Tech., MCA and MCA programmes, as well as M.Sc. IT Reg. by Karnataka and Ph.D. programmes. JNNCE emerged as one of the most sought-after education institutes for technical and management education by students and parents from all over India. JNNCE is accredited with NAAC - B grade and AICTE programmes are Accredited by NTA and is now declared fit to receive grants according to norms of rules framed under section 20 and 20B 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 institutes recognized by the Dept 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 entrepreneurship institutes in the next few years.

About the Department
The Computer Science and Engineering department was established in the year 1997. Since then, the department has had a position of pride at JNNCE. The Department offers B.E. and PG course M.Tech (CSE). The Department has well qualified, experienced and dedicated faculty to provide quality industry based education to the students. The Department adheres to all the requirements of AICTE, sponsors research and learning skills as the main technology in the industry, special care is taken for each student by implementing mentor scheme. CSE has a Research Center established by Vellore Institute of Technology established in 2003. Many research related activities such as conferences, workshops and training programs are organized by the Department for

both faculty and students. COSMOS - CSE Students forum in the department conducts lot of competitions for students to showcase the extra-curricular talents hidden in students. Every year on an average 70% of students get recruited in many reputed companies through campus placement cell.

Department Vision
To be one of the pre-eminent departments to provide technical and knowledge based education, utilizing the potential of computer science & engineering to meet the ever changing needs of industry and society.

Department Mission
Nourish the students to meet the emerging challenges of industry and society, emphasizing on research and effective industry interaction to the development of state of the art technological infrastructure and faculty competence.

About the STTP
Artificial intelligence (AI) is a wide-ranging branch of computer science concerned with building smart machines capable of performing tasks that typically require human intelligence. AI is an interdisciplinary science with multiple approaches, but advancements in machine learning and deep learning are creating a paradigm shift in virtually every sector of the tech industry. Machine learning leads a computer to do and uses statistical techniques to help it "learn" how to get progressively better at a task without having been specifically programmed for the task, eliminating the need for manual drudgery of writing code. The Short Term Training Program on "Artificial Intelligence and Machine Learning" aims at providing an opportunity to enhance the knowledge about the latest technologies pertaining to Artificial Intelligence and Machine Learning. This STTP would provide participants with the guidelines to explore the area of Artificial Intelligence and its applications. The participants would learn to develop methods for solving problems related to diverse commercial field. The objective is to address

modern needs in the field of Artificial Intelligence with real time problem solving. This STTP focused on hands-on implementation of various algorithms to deliver practical skill to participants.

Thematic Topics to be Covered (but not limited):

- Introduction to AI & ML, Basics of Python Programming
- Linear regression and evaluation Metrics for Linear regression
- Exploratory data analysis and Data Visualization using Python
- Clustering and PCA, Deep Learning
- Make the researchers to move into the field of AI, ML.

Who can attend?
Faculty members/Research scholars UGC/ M-FRD works in Private/ Public Government organisations can attend if course.

Registration - Limited to 50 MEMBERS

Registration Link

<https://forms.gview/cgDQ9w-9tA308a>

Registration fees: Rs. 1000 for outside JNNCE faculty.

Payment: Google Pay to 9886164156.

OR Scan QR code



Important Dates

Last Date for Registration on or before: 24/09
Notification of Selection (e-mail only): 25/09/2024

Note

- Certificate shall be issued to those who mark 100% attendance.
- Mode of STTP: OFFLINE



National Education Society (R.)
J. N. N. College of Engineering, Shivamogga
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC - 'B',
All 7 UG Programs have been Accredited By National Board Of Accreditation (NBA)
for period 2.7.2019 to 30.6.2022.
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



Date : 19-08-2021

To,
The Chairman
IETE Center,
JNNCE, Shivamogga.


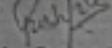
Dear Sir,

Subject: Requisition to associate for 1 week Faculty Development Program on **"ARTIFICIAL INTELLIGENCE & MACHINE LEARNING"**

We would like to bring to your kind notice that Department of Computer Science and Engineering, JNN College of Engineering, Shivamogga, Karnataka, is conducting 1 week Faculty Development Program on **"ARTIFICIAL INTELLIGENCE & MACHINE LEARNING"** on 20th Sep. - 25th Sep, 2021. In this regard we kindly request you to associate IETE with our faculty development program. Kindly do the needful.

Thanking You,

Sincerely,



Mrs. Sreedevi S & Mrs. Pushpa RN
(FDP Coordinators)

To

Date: 21/09/2021

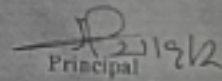
Dr. Pratapsinh Kakaso Desai
President
ISTE, New Delhi

Dear sir,

Subject: Requesting to ISTE to associate for STIP on AI & ML.

With reference to the above subject We are conducting six days STIP on "Artificial Intelligence and Machine Learning", from 27th September to 2nd October 2021. The STIP is organized by the department of Computer Science & Engineering, JNNCE, Shivamogga-577204, Karnataka. In this regard we kindly request you to associate ISTE with our STIP and do the needful.

Thanking you


Principal

Encl: STIP Brochure

Dr. P. MANUNATHA

Forwarded for needful

Ved

21/9/2021

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



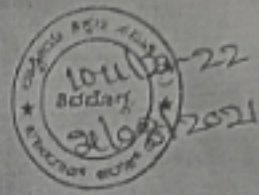
J. N. N College of Engineering, Shivamogga
 (Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC-'B',
 All 7 UG Programs have been Accredited By National Board Of Accreditation (NBA)
 for period 1.7.2019 to 30.6.2022.
 Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)



Date: 19-08-2021

From,
 Mrs. Sreedevi S & Mrs. Pushpa RN
 Asst. Professor, Dept. of C.S.E
 JNNCE, Shimoga

To,
 The Principal
 JNNCE, Shimoga



Through,
 Head of the Department
 Dept. of C.S.E
 JNNCE, Shimoga

Dear Sir,

Subject: Permission request for organizing 1 week FDP on "ARTIFICIAL INTELLIGENCE & MACHINE LEARNING"

We would like to bring to your kind notice that Department of Computer Science and Engineering, JNN College of Engineering, Shivamogga, Karnataka, is planning to organize 1 week Faculty Development Program on "ARTIFICIAL INTELLIGENCE & MACHINE LEARNING" on 20th Sep - 25th Sep, 2021. In this regard we kindly request you to grant the permission and to associate IETB and CSI with our faculty development program. Kindly do the-needful.

Thank you very much for your time and consideration of my request.

[Handwritten signature]

Sincerely,
[Handwritten signature]
 Mrs. Sreedevi S & Mrs. Pushpa RN
 (FDP Coordinators)

Forwarded for the needful.

[Handwritten notes]
 No. NES/JNNCE/125/2021-22
 Forwarded to Secretary for your kind approval
 Submitted for approval

[Handwritten initials]

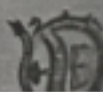
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[Handwritten initials]

[Handwritten signature]



National Education Society @
JNN College of Engineering, Shivanmogga-577204
 (Internal Quality Assurance Cell)
Department of Computer Science & Engineering
"One-week STP on 'Artificial Intelligence and Machine Learning'"
 From 27-09-2021 to 02-10-2021



SCHEDULE

Day and Date	10: AM to 11:30 AM	11:45 AM TO 1:15 PM	1:30 PM TO 3:45 PM	4:00 PM - 5:15 PM
Monday 27-09-2021	Inaugural function	Introduction to AI and Machine Learning, what is Artificial Intelligence, what is Data Science (BBV)	AI Vs Machine Learning Vs Deep Learning Vs Data Science, Applications of AI (BBV)	Accessing/importing and Exporting Using Python Modules (Related to ML) (BBV)
Tuesday 28-09-2021	Exploratory data analysis using Python: Insuring and selecting the data, summary statistics of data, converting variables data types, category Vs. Object data type (BBV)	Exploratory data analysis using Python: frequency table, bar chart, table, correlation, handling missing values (BBV)	Data Visualization using matplotlib and seaborn (BBV)	use case: Covid19 data visualization as per (BBV)
Wednesday 29-09-2021	Introduction to ML Algorithms: supervised, unsupervised, semi-supervised and reinforcement algorithms, Training a ML model (BBV)	Supervised ML Algorithms: Simple Linear Regression and Evaluation Metrics for Regression (BBV)	Supervised ML Algorithms: Multiple Linear Regression and Evaluation Metrics for Regression (BBV)	Supervised ML Algorithms: Logistic Regression, Polynomial regression, use on regression (BBV)
Thursday 30-09-2021	Supervised ML Algorithms: Introduction to classification problems, KNN algorithm, and evaluation Metrics for Classification (BBV)	Classification: KNN from scratch (training a model, predictions, testing a model, evaluating a model) (BBV)	Classification algorithms: Decision Tree, Role of Entropy, Gini index, and Information Gain in Decision Trees, Analysis of Regression Problem case (BBV)	Other Classification algorithms, use case on classification algorithm (BBV)
Friday 01-10-2021	Unsupervised ML Algorithms: Clustering: K-Means, Hierarchic K-Means Clustering, Mark's behind Elbow Method - Picking K in K-Means (BBV)	Clustering: K-Means and Dimensionality reduction: PCA (BBV)	Introduction to Neural Networks and Deep Learning (BBV)	VALEDICTORY FUNCTION
Saturday 02-10-2021	Artificial Intelligence and the Arts Toward Computational Creativity (BBV)	Artificial Intelligence and The Arts Toward Computational Creativity (BBV)		

BBV: Dr. Rajul Prabhakar B. V., SBI: Sandeep B.

Date: 21/09/2021

From,
Dept of CS&E
INNCE,
Shivanoga

To,
The Principal
INNCE
Shivanoga

Dear Sir,

Subject: Requisition for College guest for Resource Person

With reference to the above subject We the Dept. of Computer science and Engineering, shivanoga, conducting six days STIP on "Artificial Intelligence and Machine Learning", from 27th September to 2nd October 2021.

In this regard, we kindly request to provide the accommodation for the Resource person Dr. Balaji Prabhur, from 26th Sept to 01st Oct, 2021 at College Guest house.

Kindly do needful.

Thanking you.

Prof
HOD, CS&E

Dept of CS&E

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

P. Manu Natha
Principal

Dr. P. MANUNATHA

R 200/dec will be charged as per NEP

*To Mr. Chellappa
Comp Engg*

U. Sreenivas
DEAN
INFRASTRUCTURE
SHIVANOGA

Principal
J.N.N. College of Engineering,
Shivanoga

29/9/21

TO,

ಶ್ರೀಮನ್
ನಿರ್ದೇಶಕರು
ಇಂಜಿನಿಯರಿಂಗ್.

ವಿಷಯ: ಕೆಲಸಗಾರರ 6 ದಿನಗಳ ಕಡಿತ.

CS dep. = ಕೆಲಸಗಾರರ ಕಡಿತ ಹಣ
ನಂ. 3 ಕೆಲಸಗಾರರ 6 ದಿನಗಳ ಕಡಿತ ಹಣ Rs. 200/- + Tax 18% 36/-
ಇವುಗಳ ಮೊತ್ತ Rs. 236/-

From,
ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜು


Rs. 200 x 6 days = Rs. 1200.00

Tax 18% = 216.00

total = Rs. 1416.00 60 days

Chetan J.
CHETAN J. Dubey, B.E. Civil
Campus Maintenance Engineer
INNCE, Shivamogga.

H. S. Bhat
DEAN
INFRASTRUCTURE
INNCE, SHIVAMOGGA


04/10/21
Principal
Jawahar Lal Nehru National
College of Engineering, Shivamogga.

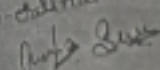
By A/H Director & days Count

2000 = 1000/-

18% = 180/-

total = Rs. 1180/-

(One Thousand One hundred Eighty)

Co-ordinator




National Education Society (R)

JNN College of Engineering
Hostel & Mess Department

Catering Bill

Bill No.	CATER-22	Date	11-10-2021		
Co-Ordinator Name	Sreedevi S, Pushpa R N & Sayed Johar				
Department	JNN College of Engineering				
Programe	STTP (AIML) CSE Dept				
Supply Order	From	To	Type of Order		
Date	05-10-2021	05-10-2021			
Sl No	Menu	Supply Date	Plate / Qty	Rate	Amount
1	Shavige Uppittu , Kesari bath with Tea	05-10-2021	50-00	50-00	2500-00
<i>Sreedevi</i> Co-ordinators <i>Pushpa</i>					Grand Total 2500-00

EST (40%) 1000.00

Mess (60%) 1500.00

Sayed Johar
Warden

CS & E



Visiting Faculty on Security

JNN College of Engineering Hostel & Mess Department

Roll No: 2011

Bⁿ No: CATR-25

Date: 05-12-2011

Co-ordinator Name:

SURESH K. KISHORE, IN-CHARGE

Dept: HOSTEL

ANK College of Engineering

Project No:

SEC-02-DEFI

Subj: Hostel

05-12-2011

Page No: 001

Sl No	Particulars	Rate	Qty	Value	Amount
1	Specialist	37.25	2000	7450.00	7450.00
2	Specialist	24.00	2000	4800.00	4800.00
3	Specialist	22.00	2000	4400.00	4400.00
4	Specialist	10.00	2000	2000.00	2000.00
5	Specialist	05.00	2000	1000.00	1000.00

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Grand Total: 200,000

Sl No: 2011

Sl No: 2011

2011

2011

Rangoli

colour full art

Ganesh Art * Jantar Art * Thai Art * Flower Decoration & all type of Art

REGD. CO. NO. 100/1998
MEMBER OF
18, NO. 11
P. B. 438 63 63

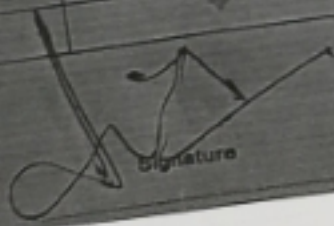
260

To: The Principal
J.N.N.C.S.

Date: 02/10/202

BILL

S/No	Particular	Qty	Amount
	STTP on A.I.M.C 5 days workshop from C.A. Certificate Printing Charge		1200=00
			<u>1200=00</u>


Signature

Total
1200=00
Sune
Prakash

VARNA DIGITAL FLEX PRINTS

Creative Design & Advertising

Parimala Coffee Works Beside, 4th Cross, Park Extn.
Durgigudi, SHIVAMOGGA. Ph.: 08182-404222, Mob.: 9844158841

E-mail : varnadigitalsmg@gmail.com
varnasign@gmail.com

No. 579

Date : 25/9/21

Sri. The Principal D.V.N. S.S. Sma

No.	Particulars	Qty.	Rate	Amount
	State Banner of Artificial Intelligence & Machine Learning STIP workshop			500-00
				500-00

GST No. : 29ABVPL0731F1ZH

☎ 08182-260731



DURGA CARDS & STATIONARY

Dealers in : Papers, Boards, Inks, Wedding Cards, Student Note Books,
Xerox Paper, Computer & Office Stationery Etc.

KBN Complex, 1st Floor, Near Hotel Ashoka, Opp KSRTC Bus Stand,
N.T. Road, 1st Cross, SHIMOGA -2 Mob : 9449106061

Buyer Invoice No **11858**
 Date : **22/9/21**

Buyer GSTIN :

E-Way No.

Sl	Particulars	HSN	Qty	Rate	GST	Amount
1	Pad no-5		50 Pcs	11.60	12%	580
2	Pen		50 Pcs	2.23	12%	112
3	File Bottom		50 Pcs	13.40	12%	670
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						

co-ordinators
Pooja Shree
HOD, CS & E

E & OE				Total	1,362
GST Tax	Value	CGST	SGST	CGST Rate	82
0%		0%	0%	SGST Rate	82
1%	1,362	25% 82	25% 82	Total Tax	164
2%		6%	6%	Invoice Total	1,526
18%		9%	9%		
28%		14%	14%		
Total					

Amount in words **1,526 / -**
 Terms : 1. Goods once sold cannot be taken back or exchanged

For DURGA CARDS & STATIONARY

GSTIN : 29AALEN6859P1Z2

9231258703
New

TAX INVOICE

☎ : 08182-277513

J : 94481-38740, 94481-27407

e-mail : kishan_group@rediffmail.com



Kishan handicrafts

Home to the Finest Indian Handicrafts

19, Nehru Road, SHIVAMOGGA - 577 201, Karnataka - INDIA.

Mfrs & Dirs In : Sandal Wood, Rose Wood Gift Articles, Brass & Black Metal Artefacts, Mementoes, Shawls & Garlands. Etc.,

Bill No.: 5960

Date: 29/09/2024

To, Dept. of CS & E, JNCE, Durgam

Sl. No.	Particulars	Qty.	Rate	Amount
1)	10" S/A Memento -	1	600	600 -

Co-ordinators
Suje
Purba

HOD, CS & E

ESTD : 1983

TOTAL ₹ 600 -

Rupees In Words Six Hundred

For New kishan handicrafts

Signature *[Signature]*

National Education Society(R.)
JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING
Navule, SHIVAMOGGA - 577 204, Karnataka.

No. 132

VOUCHER

Date :

Received with thanks from **THE PRINCIPAL, JNNCE, SHIVAMOGGA**, the sum
of Rs. 40,000=00 (Rupees Forty thousand only)

By Cash/Cheque No. : Dated :
towards Remuneration to reserve person of 1 week STTP on AI & ML
held on 24th to 25th Sept. 2021

[Signature]
Signature of Receiver

Head of Account :
Name : Dr. Balaji Prabhu B.V. Dept: Assoc. Prof., M.C.E., Hassan

" Passed for payment "

HOD, CS & E **PRINCIPAL**
JNNCE, SHIVAMOGGA.

[Signature]
Co-ordinators

National Education Society(R.)
JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING
Navule, SHIVAMOGGA - 577 204, Karnataka.

No. 133

VOUCHER

Date :

Received with thanks from **THE PRINCIPAL, JNNCE, SHIVAMOGGA**, the sum
of Rs. 2,000=00 (Rupees Two thousand only)

By Cash/Cheque No. : Dated :
towards Travel Allowance for reserve person of 1 week STTP on AI & ML
held on 24th to 25th Sept. 2021

[Signature]
Signature of Receiver

Head of Account :
Name : Dr. Balaji Prabhu B.V. Dept: Assoc. Prof., M.C.E., Hassan

" Passed for payment "

HOD, CS & E **PRINCIPAL**
JNNCE, SHIVAMOGGA.

[Signature]
Co-ordinators



J. N. N College of Engineering
(Approved by AICTE, New Delhi, Certified by UGC 2f & 12B, Accredited by NAAC - 'B'
All 7 UG Programs have been Accredited By National Board Of Accreditation (NBA)
for period 1.7.2019 to 30.6.2022,
Recognized by Govt. of Karnataka and Affiliated to VTU, Belagavi)

Date: 19-03-2021

From,
Mrs. Sreedevi S & Mrs. Pushpa R.N.
Asst. Professor, Dept. of C.S.E
INNCE, Shimoga

To,
The Principal
INNCE, Shimoga

Through,
Head of the Department
Dept. of C.S.E
INNCE, Shimoga

Dear Sir,

Subject: Requesting to sanction remuneration to resource person for 1 week FDP on "ARTIFICIAL INTELLIGENCE & MACHINE LEARNING"

With reference to the above subject, we are requesting you to sanction amount for FDP. Details are listed below.

Sl No	Details	Amount	Total Amount
1	Remuneration amount for resource person (Rs .2000 per session)	16 session * Rs.3000	Rs 48000
2	TA &DA for resource person	8 members * Rs.2500	Rs.20000
3	Remuneration for keynote speaker	Rs.4000	Rs.4000
4	Mementoes(resource person)	10 pcs * Rs.500	Rs.5000
5	Tea Biscuits	5days * Rs.1000	Rs.5000
6	Writing pen and pad	Rs.1500	Rs.1500
7	High Tea(valectictory)	50 * Rs.50	Rs.2500
8	Banner for FDP	Rs.500	Rs. 500
9	Miscellaneous(Inauguration & Valectictory)	Rs. 4000	Rs. 4000
Grand Total			Rs. 90500

Sincerely,

Mrs. Sreedevi S & Mrs. Pushpa RN
(FDP Coordinators)



National Education Society (R.) Shivamogga
Jawaharal Nehru New College of Engineering (JNNCE), Shivamogga



(Approved by AICTE New Delhi, Certified by UGC 214 12B Accredited by NAAC - 'B')
 UG Programmes: CE, ME, EEE, ECE, CSE, ISE, ETE, accredited by NBA, Recognized by Govt. of Karnataka and Affiliated to VTU, Bangalore
Department of Computer Science and Engineering

Ref. No: JNNCE/CSE /

Submitted to the Principal,

Sub: Statement of accounts - STTP on "AI & ML" held during 20th to 25th Sept. 2021

With reference to the above subject, the following is the statement of expenditure for conducting the STTP on "Artificial Intelligence & Machine Learning" by the dept of CSE.

Sino	Particulars	Expenses	Bank account details
1.	Remuneration to the Resource person Dr. Balaji Prabhu BV Voucher dated 25.9.2021	40,000.00	Dr. BALAJI PRABHU B V A/c No: 38580178073 Bank: State Bank of India I.I. So., Bangalore IFSC: SBIN0002215
2.	Travel Allowance to the Resource person Dr. Balaji Prabhu B V Voucher dated 25.9.2021	2,000.00	
3.	Purchase of memento Bill No.5960/29.9.2021(Kashan Handicrafts)	800.00	Mr Sayyed Johar
4.	Purchase of stationery items Bill No.11858/22.9.2021(Durga Cards & Stationery)	1,526.00	A/c No. 6322131000090 Bank: Canara Bank, JNNCE Branch IFSC: CNRB0006322
5.	Banners/Invitation/Certificates etc printing Bill No.579/25.9.2021(Vama Digital Prints) Bill No.260/2.10.2021(Rangoli Arts)	500.00 1,200.00	Mr. Harish Kumar A.C. - A/c No. 6322131000019 Bank: Canara Bank, JNNCE Branch IFSC: CNRB0006322
6.	Expenses towards providing Lunch & Snacks JNNCE Mess bill No. CATER-15/5.10.2021 JNNCE Mess bill No. CATER-22/11.10.2021	24,750.00 2,500.00	JNNCE Hostel & Mess dept account
7.	Guest house charges (Letter enclosed)	1,180.00	Secretary, NES A/c No. 1820101017454 Bank: Canara Bank, Sheshadripuram IFSC: CNRB0001820
	Total Rs.	74,256.00	Approved budget: Rs. 90,500.00

Coordinators:

Prof & Head

Budget Tracker
 Code: 3406 (STTP/Cont/SDP)
 on Amt. Rs. 2,94,000-

National Education Society (R.)
J N N COLLEGE OF ENGINEERING

Date: 01/10/2021

To,

Mr. Balaji Prabhu B V.
Associate Professor,
Dept of CS&E,
Malanad College of Engineering,
Hassan.

Dear Sir,

On behalf of Computer Science and Engineering Department, We thank you for being a resource person of STTP from 27th Sep 2021 to 02 Oct 2021 on "**Artificial Intelligence and Machine Learning**". We are happy to acknowledge the knowledge you shared is beneficial.

We appreciate your efforts and also look forward for your association with us in future for the benefit of the institution.

Thanking You

HOD, CSE

Dr. Poornima K M,





JNN College of Engineering, Shimoga
 Department of Computer Science & Engineering
 One-week STTP on "Artificial Intelligence and Machine Learning"
 From 27-09-2021 to 02-10-2021
 ATTENDANCE SHEET (27-09-2021)

Sl.No	Name	Institution	Branch	Designation	Mobile No	Mail-Id	Signature
1	Sayed Jobar	JNCE		Assistant professor	9886164756	sayedjobar@jncc.ac.in	
2	Mrs. PUSHPA R.N.	JNCE SHIMOGA		ASSISTANT PROFESSOR	9739767925	pushpa@jncc.ac.in	
3	THASEEN BHASRITH	JNCE, Shimoga		Asst. Professor	94821162870	thaseen194@jncc.ac.in	
4	Sreedevi S	JNCE		Assistant Professor	9531651747	sireedevi@jncc.ac.in	
5	Poojamma K.M	Jncc		Professor	9844528218	km.poojamma@jncc.ac.in	
6	CHETHAN GS	JNCE Shivamogga		Assistant professor	9620437666	chethan_gs@jncc.ac.in	
7	Prathima	JNCE		Assistant professor	97395317545	prathima5787@jncc.ac.in	
8	M Pooja	JNN College of Engineering		Assistant Professor	9900448254	pm.poojashel@jncc.ac.in	
9	PREMALA K N	JNCE Shimoga		Associate Professor	9882597421	ujwalakn2004@jncc.ac.in	
10	PREMALA K N	JNCE		Asst Professor	918272811423	premalakn@jncc.ac.in	
11	SANITHA S M	JNCE Shivamogga		Assistant professor	7204680238	sanitha_s@jncc.ac.in	
12	SANITHA S M	JNCE		Assistant Professor	7027620220	sanitha_s@jncc.ac.in	
13	SANITHA S M	JNCE		Asst professor	7345851846	nalinashb@jncc.ac.in	
14	Dr RAVINDRA S	JNN College of Engineering, Shivamogga		Associate Professor	9880684060	cvindra@jncc.ac.in	
15	Shanthi Kiran M	JNN College of Engineering Shimoga		Assistant professor	8904818380	shanthikiranm@jncc.ac.in	
16	Manohar Neel V	JNN COLLEGE OF ENGINEERING SHIMOGA		Assistant professor	9901187617	manohar@jncc.ac.in	
17	MARENDRA KUMAR S	JNN COLLEGE OF ENGINEERING, SHIVAMOGGA		Asst. Professor	9632471567	narendra@jncc.ac.in	
18	Deepa V B	JNN College of Engineering Shimoga		Asst Professor	9959113316	jnccvb@jncc.ac.in	
19	Suechbana H C	Jncc		Assistant professor	9482266693	wechethanahc@jncc.ac.in	

22	Madhav Kumar K	JINCE	Project Manager	767284239	madhvkumar@jince.ac.in	
23	Arjun M J	JINCE	Assistant Professor	9743147529	arjunmj@jince.ac.in	
24	Narayanan S S	D.S. Dinakar Periyechin POLYTHONIC	Lecturer	9177956411	nayasa16@gmail.com	
25	Dr. Feroz Kumar MD	Jince Shreega	HOD, Electronic and Communication	9844474430	chidu.b@gmail.com	
26	Arjun Kumar P	Jince Shreega	Assistant Professor	9844571996	parvankumar@jince.ac.in	
27	Dr. Manjula G.R	JINCE	Assistant professor	9743011412	anulkumar@jince.ac.in	
28	Su. Jena R.B	JINCE	Associate professor	9164300521	grmanjula@jince.ac.in	
29	Manjula M V	JINCE	ASSISTANT PROFESSOR	9008021838	sudhanu@jince.ac.in	
30	Dr. Arjun Sankha	JINCE	Assistant professor	7750984882	Namitham@jince.ac.in	
31	Dr. R.R	JINCE	Assistant professor	9742151106	zyeshaiddid@jince.ac.in	
32	Dr. R.R	JINCE	Associate Professor	9900922050	chetankr@jince.ac.in	
33	Somappa D	JINCE	Asst prof	9844982242	sommyad84@jince.ac.in	
34	Sathyavarama S	JINCE	Assistant Professor	9036629358	Sathyasee@jince.ac.in	
35	NAANDISH M	JINCE, SHIBMOGA	ASSISTANT PROFESSOR	9990802578	randish.m@jince.ac.in	
36	MOHAN H.G	JINCE	ASST PROF	9620866080	mohan@jince.ac.in	
37	Dr. Nimada Shivanand	JINCE	Professor	9448977026	nimala_cse@jince.ac.in	
38	Hirayama G.S	JINCE	Assistant professor	9580993992	Hirayama@jince.ac.in	
39	Sandhya Nagadh Nayak	JINCE	Associate Professor	9742914647	sandhya.nayak@jince.ac.in	
40	Sajesh Kumar	Jince	professor	9449423361	jeshkumar@jince.ac.in	
41	Sandeep B	JINCE	Asst prof	9586576767	Sandeepb@jince.ac.in	
42	Vednanda DE	JINCE	Assistant professor	9900987798	vedanandade@jince.ac.in	
43	Ganavi M	JINCE	ASSOCIATE PROFESSOR	9980801441	ganavm4@jince.ac.in	
44	SHAJIA SHREE K	JINCE, shivanmogal	ASSISTANT PROFESSOR	7259536472	shajia25@gmail.com	
45	Rajoga B.S	JINCE, Shreega	Asst prof	9480447444	roopab@jince.ac.in	
46	Dr. Jyoti K	JINCE, College of Engg	professor	8122272370	jyotik@jince.ac.in	
47	CHAKRAVANI D.S	JINCE	Assistant Professor	8073025244	chakrad@jince.ac.in	





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Department of Computer Science and Engineering

**Proceedings of one-week STTP on
"Artificial Intelligence and Machine Learning"
From 27-09-2021 to 02-10-2021**

Inauguration ceremony for one-week short term training program on "Artificial Intelligence and Machine Learning" was held in the department on 27th October 2021. Registration of faculty was done at 9.30AM and the program was started at 10 AM with respected dignitaries, eminent speakers, participants, and all teaching and non-teaching staff of the department. The program was hosted by Mrs. Pushpa R N, Asst. Professor Dept of CSE. Invocation Song was sung by Mrs. Sreedevi S, Asst. Professor, Dept of CSE, Mr. Sayyed Johar, Asst. professor, Dept of CSE delivered the welcome speech. Inauguration was started with watering the plant.

Dr. Poornima K.M, Head of Department, Dept. of CSE briefed about the Short Term training program on AI/ML. Guest Introduction of Dr. Balaji Prabhu B V was done by Mrs. Sowmya D, Asst. Professor, Dept of CSE

Later talk was delivered by chief guests Mr. A.S. Vishwanatha President, NES, Shivamogga and the resource person Dr. Balaji Prabhu B V, Associate Professor, Dept of CS&E, Malnad College of Engineering, Hassan followed by the vice president, Sri. T.R. Ashwathnarayana Setty and secretary, Sri S N Nagraja, NES, Shivamogga

The talk gave briefing on application of AI and ML with various applications in real world and how effective the STTP will help for the faculty in the field of AI/ML.

Later Dr. P. Manjunatha, Principal, JNNCE, Shivamogga rendered presidential address and shared his knowledge on AI/ML. Vote of Thanks was delivered by Mrs. Sreedevi S, Asst. Professor, Dept of CSE

The inaugural function was ended by 11 AM and session were started as per the schedule by 11.15 am. Total 20 sessions were planned and executed from 27th sep 2021 to 2nd oct 2021. All the 20 Session were conducted as per the schedule. 18 sessions were handled by Dr. Balaji Prabhu B V, Associate Professor, Malnad College of engineering from 27th sep 2021 to 1st oct 2021, and 2 session were conducted on 2nd Oct. 2021 by Mr Sandeep B, Assistant Professor JNN College of Engineering, Shivamogga.

The Short Term Training Programme enhanced the skills and gave exposure to Machine Learning & Deep Learning Techniques for Artificial Intelligence. The topics covered in the session are: Introduction to AI and Machine Learning, Accessing/Importing and exporting data using python





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Department of Computer Science and Engineering

modules, Exploratory data analysis, Data Visualization using matplotlib and seaborn, Simple and Multiple linear regression, Supervised and unsupervised ML Algorithms, Clustering, Neural Networks and Deep Learning, Artificial Intelligence and the Arts: Toward Computational Creativity were included in STTP

The main Objective of this STTP is to provide insight survey for machine learning along with deep learning applications in various domains. Various Problems through presentation and demonstration with hands-on sessions were conducted for the participants

Valedictory function was conducted on 1st oct 2021,

The program was managed by Mrs. Suahma R B, Asst. Professor Dept of CSE. Invocation Song was sung by Mr. Ashwath S, Asst. Instructor, Dept of CSE, Mrs. Sreedevi S, Asst. professor, Dept of CSE delivered the welcome speech. Mr. Sayyed Johar, Asst. professor, Dept of CSE briefed about all the sessions delivered by resource person.

Later the chief guest Mr. BalajiPrabhu B V, Associate Professor, Dept of CS&E, Malnad College of Engineering, Hassan, addressed the faculty members and shared his experience about the STTP. Participant shared their experience and expressed their feedback about the STTP. Later Dr. Poomma K M, HOD, Dept of CSE, JNNCE, Shivamogga rendered presidential address. Vote of Thanks was delivered by Mrs. Pushpa R N, Asst. Professor, Dept of CSE. The function was ended by 4.45 PM and was followed by High Tea.

Event Coordinators:

Mrs. Sreedevi S, Asst Professor

Mrs. Pushpa R N, Asst Professor

Mr. Sayyed Johar, Asst Professor

[Signature]
 1/10/2021
 HOD, CSE

Dr. Poomma K M

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

National Education Society
 J.N.N.C.E.





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Department of Computer Science and Engineering



ಮನುಷ್ಯನ ಬುದ್ಧಿಮತ್ತೆಯ ಮರು ಸಾಮರ್ಥ್ಯ ರಚಿಸಲು ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆಯಿಂದ ಸಾಧ್ಯವಿದೆ: ಬಾಲಾಜಿ ಪ್ರಭು



ಶಿವಮೊಗ್ಗ :- ಮನುಷ್ಯನ ಬುದ್ಧಿಮತ್ತೆಯ ಸಾಮರ್ಥ್ಯ ಮರು ರಚಿಸಲು ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ತಂತ್ರಜ್ಞಾನದಿಂದ ಸಾಧ್ಯ ಎಂದು ಮಲೆನಾಡು ಕಾಲೇಜು ಆಫ್ ಎಂಜಿನಿಯರಿಂಗ್ ಸಹ ಪ್ರಾಧ್ಯಾಪಕ ಡಾ. ಬಿ.ವಿ. ಬಾಲಾಜಿ ಪ್ರಭು ಅವರು ಅಭಿಪ್ರಾಯಪಟ್ಟರು.

ಜಿಎನ್‌ಎನ್‌ಸಿ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್ ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದಿಂದ

ಒಂದು ವಾರ ಕಾಲ ವಿರ್ಪಡಿಸಿದ್ದ ಆರ್‌ಟಿಫಿಯಲ್ ಇಂಟಲಿಜೆನ್ಸ್ ಮತ್ತು ಮೆಷಿನ್ ಲರ್ನಿಂಗ್ ಕುರಿತ ಕಾರ್ಯಾಗಾರದಲ್ಲಿ ಮಾತನಾಡಿದ ಅವರು, ಕೃತಕ ಬುದ್ಧಿಮತ್ತೆ ತಂತ್ರಜ್ಞಾನದಲ್ಲಿ ದತ್ತಾಂಶಗಳ ನಿರ್ವಹಣೆ ಪ್ರಮುಖ ಸವಾಲಾಗಿದೆ. ಸನ್ನಿವೇಶಗಳನುಗುಣವಾಗಿ ಕೃತಕವಾಗಿ ಯಂತ್ರ ಕಾರ್ಯನಿರ್ವಹಿಸಲು ಅಗತ್ಯ ಕ್ರಮಾವಳಿಗಳು ಅನುಷ್ಠಾನ ಗೊಳ್ಳಬೇಕಿದೆ. ಎ.ಐ ಮತ್ತು ಎಂ.ಎಲ್

ಮೂಲಕ ಯಂತ್ರಗಳು ಸೂಕ್ತವಾಗಿ ಕಾರ್ಯನಿರ್ವಹಿಸುವಂತೆ ಮಾಡಲು ಪೈಥಾನ್ ಸಂತಹ ಪೈರಾಗ್ರಾಮಿಂಗ್ ಲಾಂಗ್ವೇಜ್, ಕ್ಲಸ್ಟರಿಂಗ್ ಸ್ಟೂರಲ್ ಸೆಟ್‌ವರ್ಕ್, ಲಿನಿಯರ್ ರಿಗ್ರೆಷನ್ ಸಹಕಾರಿಯಾಗಲಿದೆ ಎಂದರು.

ಎನ್‌ಇಎಸ್ ಅದ್ಯಕ್ಷ ಎ.ಎಸ್. ವಿಶ್ವನಾಥ, ಉಪಾಧ್ಯಕ್ಷ ಟಿ.ಆರ್. ಅಶ್ವಥ್‌ನಾರಾಯಣ ಶೆಟ್ಟಿ, ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ,

ಜಿಎನ್‌ಎನ್‌ಸಿ ಪ್ರಾಂಶುಪಾಲ ಡಾ.

ಪಿ. ಮಂಜುನಾಥ, ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್

ಎಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗದ

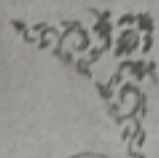
ಮುಖ್ಯಸ್ಥೆ ಡಾ. ಪೂರ್ಣಿಮ ಕೆ.ಎಂ.

ಉಪಸ್ಥಿತರಿದ್ದರು. ಸೈಯದ್

ಜೋಹಾರ್ ಸ್ವಾಗತಿಸಿದರು. ಸಹ

ಪ್ರಾಧ್ಯಾಪಕ ಶ್ರೀದೇವಿ ಪ್ರಾರ್ಥಿಸಿ,

ವುಷ್ಪನಿರೂಪಿಸಿದರು.



National Education Society (R.)

J N N COLLEGE OF ENGINEERING
SHIVAMOGGA-577204

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Department of Computer Science & Engineering

SHORT TERM TRAINING PROGRAM

ON

Artificial Intelligence & Machine Learning

in association with CSI, ISTE & IETE

CERTIFICATE

This is to certify that Mr./Mrs./Ms Pushpa R.N

Dept of CSE

J N N College of Engineering has
successfully completed the one week short term training program on Artificial Intelli-
gence and Machine Learning during September 27th to October 2nd 2021. The STTP
programme was conducted by Dept of CS&E, J N N College of Engineering, Shivamogga.

Dr. N. M. Poornima
Dr. N. M. Poornima
Principal
J N N College of Engineering
Shivamogga

Dr. P. Manjunatha
Dr. P. Manjunatha
Principal
J N N College of Engineering
Shivamogga

Department of Engineering, Shivamogga
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