

Action taken by the affiliating university on the feedback.

Proceedings of the BOS online meeting in Electrical & Electronics
Engineering held on 08 – 01 – 2022 at 11.00
(Vide: VTU/Aca/A9/2022//5036 dated 06 Jan 20212)

Members present		
Sl No.	Name	Position
1	Dr.H.R. Sudarshan Reddy	Chairman
2	Dr. R Prakash	Member
3	Dr. Manjunath K	Member
4	Dr.Basavaraj V Madiggonda	Member
5	Prof .V. Keshava Murthy	Special Invitee
6	Prof . Pavan Kumar Y	Special Invitee
Members Absent		
1	Dr. G.H. Kulkarni	Member
2	Dr. Surekha Manoj	Member
3	Dr. Netravathi	Member
4	Dr.B.R. Natarajan	Member
5	Dr. Rakesh Babu Panguluri	Member
6	Dr. Chandrashekar Reddy Atla	Special Invitee

The Chairman, BOS in Electrical and Electronics Engineering welcomed the members of BOS, and the Special Invitees and requested to deliberate in detail on the agenda for a fruitful outcome. The resolutions are as follows:

Agenda 1: Formation of the 3rd to 8th semesters scheme of teaching and examinations of B.E (E and E) 2021 in view of feedback and revised Scheme template.

Resolution 1

The Draft Scheme of Teaching and Examinations – 2021-22 of BE programme in Electrical and Electronics Engineering was finalised. To enhance the practical skill, the Ability Enhancement Courses were revised. Copy of the same is enclosed.

Agenda 2: Discussions regarding the formation of syllabus for higher semesters according to NEP 2020.

Resolution 2

(i) Dr. R Prakash, Dr. Manjunath K and Dr.Basavaraj V Madiggonda were requested to prepare the study material for the courses mentioned against their names shown in the Table.

Sl No	Name of the authors (All BOS Member)	Allotted courses for the preparation of Study material
1	Dr. R Prakash	21EEL383555 IC Projects
2	Dr. Manjunath K	(i) 21EEL483Scilab for Electrical and Electronic Measurements (A Laboratory course) (ii) 21EEL484 Simulation of Op-Amp Circuits (Using Pspice)
3	Dr.Basavaraj V Madiggonda	(i) 21EEL381Scilab for Transformers and Generators (A Laboratory course) (ii) 21EEL382 Circuit laboratory using Pspice (A Laboratory course) (iii) 21EEL384Scilab for 21MAT31Mathematics (Transform Calculus, Fourier Series and Numerical Technics) (iv) 21EEL481Microcontroller Based Projects (v) 21EEL482Scilab for Electric Motors (A Laboratory course)

mka
26.4
Dr. Sumath

(ii) The prepared study material prepared by the above experts be circulated to all colleges offering the EEE programme by the University.

Agenda 3: Any other subjects with permission of the Chair.

(a) Query from RNSIT, Bengaluru regarding the material required for teaching certain topics of the course 18EE81 Power System Operation and Control.

The topics for which the material requested for is;

Operating States of Power Systems,
Objectives of Control,
Key Concepts of Reliable Operation,
Preventive and Emergency Controls,
Energy Management Centers

The faculties teaching the above topics may be informed to refer to the book Power System Operation and Control by Dr. K Uma Rao, Wiley publication, 2013/2014. The content of the first chapter of the book, which the required one, is given below.

1. Introduction to Power System Operation and Control	1
1.1 Introduction	1
1.2 Operating States of a Power System	2
1.3 Objectives of Power System Control	4
1.4 Key Concepts for Reliable Operation	5
1.5 Major Threats to System Security	6
1.5.1 Case Studies	6
1.6 Preventive and Emergency Controls	8
1.7 Control Problems	9
1.8 Energy Management Centres	11
1.8.1 Major Components of Energy Centres	12
1.9 Indian Power Sector	13

(b) The course High Voltage Engineering use to be a core course for the EEE schemes of 2010, 2015 and 2018. The above course was also supported by high voltage laboratory. Huge amount has been invested for the creation of the high voltage laboratory. In EEE scheme of 2021 -22, the above said course has become a professional course. In order to use and take advantage of the existing high voltage laboratory, the 3 credit course 21EE644 High Voltage Engineering under professional elective – I shall be designed for teaching – learning hours (T:L:P) of (2:0:2). The syllabus content of the course under 5 units shall be designed for 40 hours. The laboratory part shall be considered for CIE only. Out of 50 marks prescribed for the CIE of 21EE644, 20 marks shall be earmarked for laboratory part.

Sd/-

Dr H.R.Sudarshana Reddy, M.E.,Ph.D.,FIE.
Co-Ordinator and Professor
Visvesvaraya Institute of Advanced Technology
Center for PG Studies, VTU
Muddenahalli (P)-562103, Chikkaballapur (D)
Karnataka-India.
Mobile No: +919844477111, 9844487111

Subject **Re: Content for 18EE81 in prescribed reference book**
From Sadashiv Halbhavi <sbhvtuso@yahoo.com>
To principal@rnsit.ac.in <principal@rnsit.ac.in>
Cc Registrar Vtu <registrar@vtu.ac.in>
Date 2022-04-26 14:11



- 06. Proceedings EEE BOS 13 - 04 - 2022.pdf (~289 KB)

Dear Sir,
In continuation of the email sent on 14.03.2022 for clarification regarding 18EE81 content. The matter was referred to Chairperson BOS in EEE for clarification.
We have received in reply the proceedings of the meeting in which this matter was discussed and resolved. Proceeding of the same is attached with this email for kind reference. Please refer to resolution no. 03.

Thanks and Regards

Prof. Sagar B. Halbhavi
Special Officer,
VTU Belagavi-590018
0831-2498108

ನುಷ್ಕನ ಉತ್ತಮ ಅಭ್ಯಾಸವೆಂದರೆ ತಮ್ಮ ಆತ್ಮಸಾಕ್ಷಿಯೊಡನೆ ಪ್ರಾಮಾಣಿಕತೆ

On Monday, 14 March, 2022, 10:00:50 am IST, <principal@rnsit.ac.in> wrote:

Dear Sir,

Please find herewith the attachment about the non availability of the content in the prescribed text book in the subject 18EE81 (Power System Operation and Control).

Regards.

PRINCIPAL
RNSIT
BENGALURU
PH: 080 28611880 / 1

RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved, VTU Affiliated and NAAC 'A' Accredited)
(UG programs – CSE, ECE, ISE, EIE and EEE have been Accredited by NBA
for the Academic Years 2018-19, 2019-20, 2020-21 and 2021-22)
Channasandra, Dr. Vishnuvardhan Road, Bengaluru - 560 098
DEPARTMENT OF ELECTRICAL & ELECTRICAL ENGINEERING

10/03/2022

Sir,

This is to bring to your kind notice about the non availability of the content in the prescribed text book in the subject 18EE81 (Power system Operation and Control).

The first module has three major divisions and the first major division is Introduction with following topics

Operating States of Power Systems,
Objectives of Control,
Key Concepts of Reliable Operation,
Preventive and Emergency Controls,
Energy Management Centers

The book prescribed for the above topic is Reference Book 1 : "Computer – Aided Power System Analysis" by G L Kusic, CRC Press, 2nd Edition, 2010. But the above topics are not available in the prescribed book. Hence I request you to prescribe a book for the above mentioned topics.

A reference

Thanking you

Yours Faithfully

Mull

HoD, EEE

Forwarded to Registrar for Kind Consideration

M K Cheluvasthu

14/3/22

Reg

VIII SEMESTER DETAILED SYLLABUS

B. E. ELECTRICAL AND ELECTRONICS ENGINEERING Choice Based Credit System (CBCS) and Outcome Based Education (OBE) SEMESTER - VIII

POWER SYSTEM OPERATION AND CONTROL (Core Course)

Course Code	18EE81	CIE Marks	40
Number of Lecture Hours/Week	3:0:0	SEE Marks	60
Credits	03	Exam Hours	03

Course Learning Objectives:

- To describe various levels of controls in power systems and the vulnerability of the system.
- To explain components, architecture and configuration of SCADA.
- To explain basic generator control loops, functions of Automatic generation control, speed governors and mathematical models of Automatic Load Frequency Control
- To explain automatic generation control, voltage and reactive power control in an interconnected power system.
- To explain reliability and contingency analysis, state estimation and related issues. ■

Module-1

Introduction: Operating States of Power System, Objectives of Control, Key Concepts of Reliable Operation, Preventive and Emergency Controls, Energy Management Centers. ■ R1

Supervisory Control and Data acquisition (SCADA): Introduction, components, application in Power System, basic functions and advantages. Building blocks of SCADA system, components of RTU, communication subsystem, IED functional block diagram. ■ R2

Classification of SCADA system: Single master-single remote; Single master-multiple RTU; Multiple master-multiple RTUs; and Single master, multiple submaster, multiple remote. ■ R2

Module-2

Automatic Generation Control (AGC): Introduction, Schematic diagram of load frequency and excitation voltage regulators of turbo generators, Load frequency control (Single area case), Turbine speed governing system, Model of speed governing system, Turbine model, Generator load model, Complete block diagram of representation of load frequency control of an isolated power system, Steady state analysis, Control area concept, Proportional plus Integral Controller. ■ T1

Module-3

Automatic Generation Control in Interconnected Power system: Two area load frequency control, Optimal (Two area) load frequency control by state variable, Automatic voltage control, Load frequency control with generation rate constraints (GRCs), Speed governor dead band and its effect on AGC, Digital LF Controllers, Decentralized control. ■ T1

Module-4

Control of Voltage and Reactive Power: Introduction, Generation and absorption of reactive power, Relation between voltage, power and reactive power at a node, Methods of voltage control: i. Injection of reactive power, Shunt capacitors and reactors, Series capacitors, Synchronous compensators, Series injection. ii Tap changing transformers. Combined use of tap changing transformers and reactive power injection, Booster transformers, Phase shift transformers, Voltage collapse. ■ T3

M K Chaitanya
 14/3/22

RNS INSTITUTE OF TECHNOLOGY

Channasandra, Dr. Vishnuvardhan Road, Bengaluru 560 098
Department of Electrical and Electronics Engineering

To,
The Principal,
RNSIT,
Bangalore - 560 098

Sir,

SUBJECT: Request to provide option to conduct the Generation of standard Lightning Impulse Experiment from PART -D of VII semester **Relay and High Voltage lab -15EEL77**

Relay and High Voltage lab -10EEL77 had 4 parts, Part A, Part B, Part C, Part D. As per the scheme 12 experiments are to be conducted, **choosing** at least 3 experiments from part A (out of 6 specified), 2 from part B (out of 3 specified), 2 from part C (out of 3 specified) and 5 from part D (out of 6 specified)

But in **Relay and High Voltage lab -15 EEL 77**, experiments under part D are compulsory. Hence colleges need to invest in procuring Impulse generator for carrying out only one experiment of part D.

- ✓ • It needs costly setup (requires HV transformer of higher rating, at least 5- stage impulse generator, Storage Oscilloscope, shielding etc), requiring at least Rs12-15 lakhs .
- ✓ • And the space requirement is also more to house the set up and may need **additional infrastructure**.
- ✓ • Impulse generator finds application only in very limited fields of Electrical Engineering.
- ✓ • High Voltage lab is not suggested even in the AICTE model curriculum proposed for Electrical Engineering.

Hence can we request the University to consider providing the option of conducting 5 experiments from part D (out of 6 specified) and selecting more experiments from other parts (A, B, C) .

Thanking you,

Yours faithfully,

Mk
(S. Sumathi)

Encl: 1) syllabus copy of 10EEL-77
2) syllabus copy of 15EEL-77

Submitted/Registrar for kind consideration.

Mk Venkatesh
14.06.18
Mk Venkatesh
RNSIT

RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved, VTU Affiliated and NAAC 'A' Accredited)
(UG programs – CSE, ECE, ISE, EIE and EEE have been Accredited by NBA
for the Academic Years 2018-19, 2019-20 and 2020-21)
Channasandra, Dr. Vishnuvardhan Road, Bengaluru - 560 098

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

12/11/2019

To

The Principal, RNSIT
Bangalore – 560 098

Sir

Following are few suggestions regarding 2018 scheme syllabus of Electrical & Electronics Program.

1. As **Industrial Drives & Applications** is one of the most important subject for Electrical Engineering students, we request you to introduce this subject in seventh semester instead of Power System Protection (18EE72).
2. Few important topics of Power System Protection (18EE72) subject can be combined with High Voltage Engineering subject (18EE56), by removing few topics of High Voltage Engineering and the subject may be renamed as Power System Protection and High Voltage(18EE56)
3. Following are the list of, Professional Elective Courses (for EE Program) and Open Elective Courses having same content but different course code.
18EE732 (PEC) / 18EE752 (OEC) – Sensors & Transducers
18EE743 (PEC) / 18EE652 (OEC) – PLC & SCADA
 - This may lead to confusion to students, while filling the exam application form
 - Students may miss the Professional Elective exam, and may come to appear for Open elective exam.

Hence we request you to modify the title of the Open Elective courses .

We are hereby attaching the list of PCC, PEC and OEC of 2018 Scheme.

Thanking you,

Yours faithfully

Muthu

HOD, EEE

copy forwarded to Registrar, VTU for kind perusal
& needful.

MK Venkatesha
MK Venkatesha 14.11.19

PRINCIPAL

RNS Institute of Technology
Channasandra, Bengaluru - 560 098

Registrar >

VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI
Scheme of Teaching and Examination 2018 – 19
Outcome Based Education(OBE) and Choice Based Credit System (CBCS)
(Effective from the academic year 2018 – 19)

PCC			PEC		
Sl. No.	Course and Course Code	Course Title	Sl. No.	Course and Course Code	Course Title
1	PCC 18EE32	Electric Circuit Analysis	1	PEC 18 EE641	Introduction to Nuclear Power
2	PCC 18EE33	Transformers and Generators	2	PEC 18 EE642	Electrical Engineering Materials
3	PCC 18 EE 34	Analog Electronic Circuits	3	PEC 18 EE643	Computer Aided Electrical Drawing
4	PCC 18 EE 35	Digital System Design	4	PEC 18 EE644	Embedded System
5	PCC 18 EE 36	Electrical and Electronic Measurements	5	PEC 18 EE645	Object Oriented Programming using C++
6	PCC 18 EE L37	Electrical Machines Laboratory -1	6	PEC 18EE731	Solar and Wind Energy
7	PCC 18 EE L38	Electronics Laboratory	7	PEC 18EE732	Sensors and Transducers ←
8	PCC 18 EE42	Power Generation and Economics	8	PEC 18 EE733	Integrated of Distribution Generation.
9	PCC 18 EE43	Transmission and Distribution	9	PEC 18 EE734	Advanced Control Systems
10	PCC 18 EE44	Electric Motors	10	PEC 18 EE735	Reactive Power Control in Electric Power Systems
11	PCC 18 EE45	Electromagnetic Field Theory	11	PEC 18 EE741	Industrial Drives and Application
12	PCC 18 EE46	Operational Amplifiers and Linear ICs	12	PEC 18 EE742	Utilization of Electrical Power
13	PCC 18 EEL47	Electrical Machines Laboratory -2	13	PEC 18 EE743	PLC and SCADA ←
14	PCC 18 EEL48	Op- amp and Linear ICs Laboratory	14	PEC 18 EE744	Smart Grid
15	PCC 18 EE51	Management and Entrepreneurship	15	PEC 18 EE745	Artificial Neural Network With Applications to Power Systems
16	PCC 18 EE52	Microcontroller	16	PEC 18EE821	FACTS and HVDC Transmission
17	PCC 18 EE53	Power Electronics	17	PEC 18EE822	Electrical Estimation and Costing
18	PCC 18 EE54	Signals and Systems	18	PEC 18EE823	Electric Vehicles Technologies
19	PCC 18 EE55	Electrical Machine Design	19	PEC 18EE824	Power System Planning
20	PCC 18 EE56	High Voltage Engineering	20	PEC 18EE825	Electrical Power Quality
21	PCC 18 EEL57	Microcontroller Laboratory	OEC		
22	PCC 18 EEL58	Power Electronics Laboratory	1	OEC 18EE651	Industrial Servo Control Systems
23	PCC 18 EE61	Control Systems	2	OEC 18EE652	PLC and SCADA ←
24	PCC 18 EE62	Power System Analysis – 1	3	OEC 18EE653	Renewable Energy Systems ↗
25	PCC 18 EE63	Digital Signal Processing	4	OEC 18EE654	Testing and Commissioning of Electrical Equipment
26	PCC 18 EEL66	Control System Laboratory	5	OEC 18EE751	Industrial Motors and Control
27	PCC 18 EEL67	Digital Signal Processing Laboratory	6	OEC 18EE752	Sensors and Transducers ↖ ←
28	PCC 18 EE71	Power System Analysis – 2	7	OEC 18EE753	Electric Vehicles
29	PCC 18 EE72	Power System Protection	8	OEC 18EE754	Energy Conservation and Audit
30	PCC 18 EEL76	PSS laboratory			
31	PCC 18 EEL77	Relay & HV lab			

17/11/2019
Principal
PRINCIPAL



Roopa HM <roopa.holur@gmail.com>

Fwd: VTU MCA Syllabus Correction

Kavya Aradhya <npkavya@gmail.com>
To: roopa.holur@gmail.com

Wed, Dec 1, 2021 at 2:23 PM

received from VTU Registrar

Good Morning Sir/ Madam

I will process the same immediately

Thanks and Regards

On Sun, Nov 28, 2021 at 9:29 PM Kavya Aradhya <npkavya@gmail.com> wrote:
Respected Sir ,

If a official circular and intimation is given to all affiliated institutions immediately then revised syllabus can be considered, as of now approximately 2 modules are completed in most of the colleges.

Since third and fourth modules may not be started by the faculty member concerned, the revised syllabus may be considered for further coverage

Above all syllabus and text books are aligned properly in new revised version hence should be given priority to facilitate students to prepare well in advance.

Regards
Dr Kavya N P
RNSIT .

On Sun, 28 Nov 2021 at 8:01 PM, Dr.Arunkumar B R <arunkumarbr@bmsit.in> wrote:
Dr.Kavya and other members please respond to this question from the special officer

regards

On Sun, Nov 28, 2021 at 11:22 AM Sadashiv Halbhavi <sbhvtuso@gmail.com> wrote:

Dear Sir,
Module 03 and 04 seem to be different compared with the existing ones... is it OK as classes started from 01.10.2021 and 02 months are already over.

Thanks and Regards

On Sun, Nov 28, 2021 at 9:54 AM Sadashiv Halbhavi <sbhvtuso@gmail.com> wrote:

Dear Sir,
Please send me the final copy to be considered (both word and pdf file) with the recommendation
Thanks and Regards

On Sun, Nov 28, 2021 at 7:43 AM Dr.Arunkumar B R <arunkumarbr@bmsit.in> wrote:

----- Forwarded message -----
From: **Kavya Aradhya** <npkavya@gmail.com>

Date: Sat, 27 Nov, 2021, 9:03 pm
Subject: Re: VTU MCA Syllabus Correction
To: Dr.Arunkumar B R <arunkumarbr@bmsit.in>

Good evening sir,
Any updates, since we need to continue syllabus, can you arrange for official circular from Vtu sir ??

Regards
Dr Kavya M P
RNSIT

On Wed, 24 Nov 2021 at 10:17 AM, Dr.Arunkumar B R <arunkumarbr@bmsit.in> wrote:
Respected Sir/Madam

This mail is to bring to your notice regarding the VTU MCA syllabus of the 3rd-semester subject "Data Analytics using Python" with subject code 20MCA31. As per the syllabus, the titles and subtitles are not matching with the contents of textbooks or reference books. Therefore it is causing inconvenience and the topics are very vast.

I hereby request the special officer for considering the revised syllabus and textbooks and reference books as attached in this mail for the needful, the current and suggested syllabus is attached herewith for your reference(the copy prepared by RNSIT).

Hope the university will do the needful immediately.

Looking forward to your response. Thanking you

DrABR, Chairman, BOS, MCA

On Sat, Nov 20, 2021 at 9:41 AM Dr.Arunkumar B R <arunkumarbr@bmsit.in> wrote:
Respected Sir/Madam

This mail is to bring to your notice regarding the VTU MCA syllabus of the 3rd-semester subject "Data Analytics using Python" with subject code 20MCA31. As per the syllabus, the titles and subtitles are not matching with the contents of textbooks or reference books. Therefore it is causing inconvenience and the topics are very vast.

Kindly respond quickly and give your inputs to modify the syllabus. The current and suggested syllabus is attached herewith for your reference(the copy prepared by RNSIT).
In this regard, an email was sent to all BoS members but did not receive any response.

Hope you respond immediately.

Looking forward to your response. Thanking you

DrABR, Chairman, BOS, MCA

On Sun, Oct 31, 2021 at 7:56 AM Dr.Arunkumar B R <arunkumarbr@bmsit.in> wrote:

Respected members of the BoS are requested to send their opinion and suggestions .
The recommendations will be sent to the university for the needful after obtaining the responses.

with regards
DrABR, BoS chairman

----- Forwarded message -----

From: **Kavya Aradhya** <npkavya@gmail.com>
Date: Sat, Oct 30, 2021 at 2:28 PM

Subject: Fwd: VTU MCA Syllabus Correction
To: Dr.Arunkumar B R <arunkumarbr@bmsit.in>

Respected sir ,
For your kind consideration and needful action

Dr kavya n p
Professor in CSE & HoD Mca
RNSIT

----- Forwarded message -----

From: **roopa.kadrolli** <roopa.holur@gmail.com>
Date: Thu, 28 Oct 2021 at 3:26 PM
Subject: VTU MCA Syllabus Correction
To: Kavya Aradhya <npkavya@gmail.com>

Dear Mam,

This mail is to bring to your notice regarding the VTU MCA syllabus of the 3rd-semester subject "Data Analytics using Python" with subject code 20MCA31. As per the syllabus, the titles and subtitles are not matching with the contents of textbooks or reference books. Therefore it is causing inconvenience and the topics are very vast. Kindly help us in this regard to modify the syllabus. The current and suggested syllabus is attached herewith for your reference.

Looking forward to your response. Thanking you

With regards

Mrs. Roopa H M

Assistant Professor
Department of M C A
R N S Institute of Technology
R R Nagar, Bangalore – 560098
Ph: 080-28611880 (Ext: 1201);



"An Institute With A Difference"

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with regards

Dr.Arunkumar B.R.

MCA,M.Phil,M.Tech,PGDIPR,Ph.D(CS)

Professor, Dept. of CSE
BMSIT&M, Bengaluru-64.
Chairman BoS, VTU MCA programme, 2019-2022
arunkumarbr@bmsit.in, Mobile: 9886008210

<https://bmsit.ac.in/faculty/5055>
<http://bmsit.irins.org/profile/116014>

Web of Science Researcher ID : [N-9173-2017](#)

<https://orcid.org/0000-0002-8659-6102>

Scopus Author Id: 56419799800

<https://orcid.org/0000-0002-8659-6102>

<https://scholar.google.co.in/citations?user=-J3H9z4AAAAJ&hl=en>

https://www.researchgate.net/profile/Drarun_Kumar_B_R

<https://in.linkedin.com/in/dr-arunkumar-b-r-vasista-4ba941104>

Vision

To develop technical professionals acquainted with recent trends and technologies of computer science to serve as valuable resource for the nation/society.

Mission

Facilitating and exposing the students to various learning opportunities through dedicated academic teaching, guidance and monitoring.

--

with regards

Dr.Arunkumar B.R.

MCA,M.Phil,M.Tech,PGDIPR,Ph.D(CS)

Professor, Dept. of CSE

BMSIT&M, Bengaluru-64.

Chairman BoS, VTU MCA programme, 2019-2022

arunkumarbr@bmsit.in, Mobile: 9886008210

<https://bmsit.ac.in/faculty/5055>

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<https://scholar.google.co.in/citations?user=-J3H9z4AAAAJ&hl=en>

https://www.researchgate.net/profile/Drarun_Kumar_B_R

<https://in.linkedin.com/in/dr-arunkumar-b-r-vasista-4ba941104>

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with regards**Dr.Arunkumar B.R.**

MCA,M.Phil,M.Tech,PGDIPR,Ph.D(CS)

Professor, Dept. of CSE
BMSIT&M, Bengaluru-64.
Chairman BoS, VTU MCA programme, 2019-2022
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Scopus Author Id: 56419799800
<https://orcid.org/0000-0002-8659-6102>
<https://scholar.google.co.in/citations?user=-J3H9z4AAAAJ&hl=en>
https://www.researchgate.net/profile/Drarun_Kumar_B_R
<https://in.linkedin.com/in/dr-arunkumar-b-r-vasista-4ba941104>

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--

THANKS & REGARDS

Prof. S. B. HALBHAVI
Special Officer,
Visvesvaraya Technological University,
Jnana Sangama' Belagavi 590 018.
Karnataka. India
+919449549630, +91 831 2498108
sbhalbhavi@vtu.ac.in,

--

THANKS & REGARDS

Prof. S. B. HALBHAVI
Special Officer,
Visvesvaraya Technological University,
Jnana Sangama' Belagavi 590 018.
Karnataka. India
+919449549630, +91 831 2498108
sbhalbhavi@vtu.ac.in,

--

with regards**Dr.Arunkumar B.R.**

MCA,M.Phil,M.Tech,PGDIPR,Ph.D(CS)

Professor, Dept. of CSE
BMSIT&M, Bengaluru-64.
Chairman BoS, VTU MCA programme, 2019-2022**arunkumarbr@bmsit.in, Mobile: 9886008210**<https://bmsit.ac.in/faculty/5055>
<http://bmsit.irins.org/profile/116014>
Web of Science Researcher ID : N-9173-2017<https://orcid.org/0000-0002-8659-6102>
Scopus Author Id: 56419799800
<https://orcid.org/0000-0002-8659-6102>
<https://scholar.google.co.in/citations?user=-J3H9z4AAAAJ&hl=en>
https://www.researchgate.net/profile/Drarun_Kumar_B_R
<https://in.linkedin.com/in/dr-arunkumar-b-r-vasista-4ba941104>**Vision**

To develop technical professionals acquainted with recent trends and technologies of computer science to serve as valuable resource for the nation/society.

Mission

Facilitating and exposing the students to various learning opportunities through dedicated academic teaching, guidance and monitoring.

--

THANKS & REGARDS**Prof. S. B. HALBHAVI**Special Officer,
Visvesvaraya Technological University,
Jnana Sangama' Belagavi 590 018.
Karnataka. India
+919449549630, +91 831 2498108
sbhalbhavi@vtu.ac.in,