



Rashtreeya Sikshana Samithi Trust

R. V. College of Engineering

(R.V.C.E)

R.V. Vidyaniketan Post, 8th Mile,
Mysuru Road, Bengaluru - 5600 59
(Autonomous Institution affiliated to the Visvesvaraya Technological University (V.T.U),
Belagavi, Karnataka)

ANNUAL QUALITY ASSURANCE

REPORT (A.Q.A.R) : 2017-18

Submitted to:

National Assessment and Accreditation Council (NAAC)
(An Autonomous Institution of the University Grants Commission)
Post Box No. 1075, Nagarabhavi, Bengaluru – 5600 72

The Annual Quality Assurance Report (AQAR) of the IQAC

(For Autonomous Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For example, July 1, 2017 to June 30, 2018)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution RASHTREEYA SIKSHANA SAMITHI TRUST

- Name of the Head of the institution : Dr. K. N. SUBRAMANYA
- Designation: PRINCIPAL
- Does the institution function from own campus: YES
- Phone no./Alternate phone no. 080-67178161/080-67178020
- Mobile no. : 9663699299
- Registered Email : principal@rvce.edu.in
- Alternate Email : subramanyakn@rvce.edu.in
- Address : R. V. College of Engineering, R. V. Vidyaniketan Post, 8th Mile, Mysuru Road, Bengaluru City – 5600 59
- City/Town : Bengaluru City
- State/UT : Karnataka
- Pin Code : 5600 59

2. Institutional status:

- Autonomous Status (*provide the date of Conformant of Autonomous Status*):
2007-08; communication received date being 10-12-2007
- Type of Institution: Co-education/Men/Women : Co-education
- Location : Rural/Semi-urban/Urban: Urban

- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify) : Self financing
- Name of the IQAC Co-ordinator/Director: Dr. N. K. Srinath
- Phone no. /Alternate phone no. : 080-67178346
- Mobile: 9845293550
- IQAC e-mail address : iqac@rvce.edu.in
- Alternate Email address: srinathnk@rvce.edu.in

3. Website address : www.rvce.edu.in

Web-link of the AQAR: (Prev Acad Yr): <https://rvce.edu.in//naac-docs>

4. Whether Academic Calendar prepared during the year? Yes....., if yes, whether it is uploaded in the Institutional website: <https://www.rvce.edu.in>

Weblink: <https://www.rvce.edu.in//calendar-of-events>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B	2.8	2015	15-11-2015 to 15-11-2020
2 nd				
3 rd				
4 th				
5 th				

6. Date of Establishment of IQAC : 30-03-2016

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year 2017-18 for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries (in nos.)
1. FDP Workshop on Data analytics and IoT applications	30-01-2017 to 04-02-2017	60 nos.
2. Pedagogy training Personality development and Team building conducted by agencies such as:- a) Genesis	08-06-2017 & 09-06-2017; 16 hours session	40

b) 10 Seconds c) Unique Consultants d) Universal Education e) SMART Training f) Quantech g) Seventh Sense h) Ethnus		
3. Participated in NIRF and secured 58 th position	2017-18	Institution level programs
4. NBA accreditation	2017-18	Institution level programs
5. Quiklrn training for faculty	28-11-2017; 2 hours session	27
6. Vertebrand	Nov-2017; 8 hours session	200
7. Margadarshi – a) Conducted by RVCE Faculty at AMC Engineering College b) Conducted by RVCE Faculty at BNMIT, Bengaluru c) Conducted at Sri Sairam College of Engineering	15-09-2018; 8 hours session 22-09-2018; 8 hours session 10-10-2018 to 11-10-2018; 16 hours session	40 34 54
8. Counselling for Counsellors' Workshop	10-02-2018; 8 hours session	60
9. Parent Teachers' Association (P.T.A) Meeting	13-10-2018	280
10. Feedback of Faculty	09-11-2018 to 10-11-2018	1200

8. Provide the list of Special Status conferred by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc. – NIL-

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
-	-	-	-	-

9. Whether composition of IQAC as per latest NAAC guidelines: Yes

*upload latest notification of formation of IQAC :- Yes; Uploaded in the link on <https://rvce.edu.in/naac-docs>

10. No. of IQAC meetings held during the year: 09

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website:- Yes; <https://rvce.edu.in/naac-docs>

Meetings conducted on 11-Aug-2017, 18-Aug-2017, 02-Nov-2017, 18-Jan-2018, 09-Mar-2018, 11-May-2018, 14-Sep-2018, 20-Sep-2018, & 22-Sep-2018.

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- * Quiklrn application/platform for 1st Year B.E courses and for Quizzes
- * NBA accreditation for both UG & PG – Detailed list available on the Weblink:-
<https://rvce.edu.in/sites/default/files/RVCENBANAACSTATUS22082017.pdf>
- * Trainings – Academicians, Technical staff & Administrative staff
- * Analysis of Feedback of Students
- * Auditing of Academic and Examination:-

Auditing of Academic Processes:

Audit conducted date	Auditor details	Type of Audit/Departments audited
Audited on 23-10-2018	Dr. Guruprasad Dr. G. T. Raju Dr. Givinda Raju Dr. Meenakshi Dr. Suresh Dr. Y. J. Rao	External audit of Departments such as Computer Science and Engineering, Information Science and Engineering, M.C.A, Aerospace Engineering, Industrial Engineering and Management, Telecommunication Engineering, Electronics and Communication Engineering, Biotechnology, and Chemical Engineering.
Audited on 26-10-2018	Dr. Guruprasad Dr. G. T. Raju Dr. Givinda Raju Dr. Meenakshi Dr. Suresh Dr. Y. J. Rao	External audit of Departments such as Electronics and Instrumentation Engineering, Admin Office, Library, Sports/PED, Placement, Health Centre, Hostel, IDRC, Civil Engineering, and Electrical and Electronics Engineering.

Auditing of Examination Process and Evaluation:

Audit conducted date	Auditor details	Name of the Institution
Audited on 27.03.2017	1. Dr. M S Patil Professor & Dean Academics, Dept. of Mechanical Engineering,	KLS Gogte Institute of Technology, Belagavi
	2. Dr Shridhar Malladi Assistant Professor & Dy CoE, Dept., of Chemistry	
Audited on 27.09.2017	1. Dr. Guruprasad Professor & Head , Department of Information Science and Engineering,	BMS College of Engineering, Bengaluru
	2. Dr. Rangavittal Associate Professor, Dept. of Mechanical Engineering,	
Audited on 03.10.2018	1. Prof. Gopalakrishna Deputy CoE Department of Electronics & Communication Engineering	Jain University, Bengaluru
	2. Prof. T R Seetharam Professor Department of Mechanical Engineering	PES University, Bengaluru
	3. Dr. S Murthy Shekhar Professor & Head Department of Chemical Engineering	SIT, Tumkur

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Use of ICT in Teaching-Learning process	Procurement of 18 Smart boards one for each department.

Quiklrn rollout	All the 1 st Year UG students are provided with course material and Videos. Online Quiz using Quiklrn has been implemented.
Modules for Professional practice.	UG students from 3 rd to 5 th Semesters are provided with Professional practice – Communication skills, Verbal analogies, positive attitudes, self-analysis, Interview skills, Work ethics, etc
Use of MOOCS	NPTEL weight age is considered for Continuous Internal Evaluation (C.I.E.).
Self-study as experiential learning	Scheme and syllabus incorporates 16 credits for experiential learning which are covered from 3 rd to 6 th Semesters.

14. Whether the AQAR was placed before statutory body? Yes

Name of the Statutory body : Governing Body Date of meeting(s): 19-07-2017

Link:- <https://www.rvce.edu.in/mandatory-disclosure>

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

The NBA Committee members visited and interacted with IQAC members.

16. Whether institutional data submitted to AISHE: Yes

Year: 2017-18

Date of Submission: 16-02-2018

17. Does the Institution have Management Information System?

Yes

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

SAP ERP package is implemented for Modules such as Finance & Controlling (FICO), Human Cost Management (HCM) & Materials Management(MM). The implementation of the Student Life cycle Management module is currently in progress.

Brief description of the SAP Modules:

MM: (Materials Management): All the purchases will be routed through MM as follows:

1. Purchase Requisition (PR) will be initiated to get approval for the purchase. Based on the approval limit, the requisition will get approved through system.
2. As soon the PR get approved, the Request for Quotation (RFQ) will be placed for concerned approval. Based on the approval limit, the RFQ will get approved through the system.
3. The quotation will be called, consolidated and the prices for the same will be maintained in MM. Based on the final negotiated price, comparative statement will be extracted. The vendor will be selected based on the least quote, technical specification etc.
4. Purchase Order (PO) will be placed for approval from the concerned authorities. Soon after the approval of PO, the will be send to concerned vendor. As soon we receive / obtain the materials / service, a transaction called MIGO for goods and Service entry sheet for services will be entered and the file will be handed over to Accounts section for payment.

HCM: (Human Capital Management)

The details of appointments, relieving, Increments, promotion, encashment, Leave without pay etc allowances or deductions related to staff will be received from Establishment section and will be keyed in HCM module. Other remunerations and statutory deductions will be entered / checked and the salary will be processed and a run number will be given to Accounts section to verify the mapping of General ledgers with amount. As soon the Accounts section authenticates the correctness, necessary postings will be made.

FICO (Finance & Controlling):

All the financial transaction whether it's a receipt or expenditure will be entered in FICO. Non PO items will be directly taken into FICO and purchases through PO will be processed by the T Code MIRO with interface of MM. HCM interface entries will be processed for payment of salary and other statutory deductions.

All the asset creation and asset capitalization will be done through FICO.

Cheque printing, invoice posting, Bank Reconciliation Statements etc will be processed through FI entries.

Record Keeping: All the documents related to above said processes can be digitally saved in SAP_DMS (Document Management System). At present, the documents are maintained both the ways in DMS & hard copies.

Part-B

CRITERION I – CURRICULAR ASPECTS			
1.1 Curriculum Design and Development			
1.1.1 Programmes for which syllabus revision was carried out during the Academic year			
Name of programme		Programme Code	Dates of revision
Aerospace Engineering		AS	01-08-2017
Biotechnology		BT	01-08-2017
Chemical Engineering		CH	01-08-2017
Civil Engineering		CV	01-08-2017
Computer Science and Engineering		CSE	01-08-2017
Electrical and Electronics Engineering		EEE	01-08-2017
Electronics and Communication Engineering		EC	01-08-2017
Electronics and Instrumentation Engineering		EIE	01-08-2017
Industrial Engineering and Management		IEM	01-08-2017
Information Science and Engineering		ISE	01-08-2017
Master of Computer Applications		MCA	01-08-2017
Mechanical Engineering		ME	01-08-2017
Telecommunication Engineering		TE	01-08-2017
Basic Sciences		BS	01-08-2017
Master of Technology Biotechnology		MBT	01-09-2017
Master of Technology Bioinformatics		MBI	01-09-2017
Master of Technology in Chemical Engineering		MCE	01-09-2017
Master of Technology in Structural Engineering.		MSE	01-09-2017
Master of Technology in Highway Technology.		MHT	01-09-2017
Master of Technology in Computer Science and Engineering		MCSE	01-09-2017
Master of Technology in Computer Network and engineering		MCNE	01-09-2017
Master of Technology in Programme in Power Electronics		MTPE	01-09-2017
Master of Technology in Communication Systems		MCS	01-09-2017
Master of Technology in VLSI Design & Embedded Systems		MVE	01-09-2017
Master of Technology in Bio-Medical Signal Processing & Instrumentation		MBI	01-09-2017
Master of Engineering Management		MEM	01-09-2017
Master of Technology in Software Engineering		MSE	01-09-2017
Master of Technology in Information Technology		MIT	01-09-2017
Master of Technology in Product Design and Manufacturing		MPDM	01-09-2017
Master of Technology in Computer Integrated Manufacturing		MCIM	01-09-2017
Master of Technology in Machine Design		MMD	01-09-2017
Master of Technology in Tool Engineering Design		MTED	01-09-2017
Master of Technology in Digital Communication Engineering		MDCE	01-09-2017
Master of Technology in RF and Microwave Engineering		MRFM	01-09-2017
1.1.2 Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year			
Programme with Code	Date of Introduction	Course with Code	Date of Introduction
Aerospace Engineering (AS)	01-08-2017	Engineering Materials (16EM32)	01-08-2017
		Thermodynamics (16AS34)	
		Mechanics of Fluids (16AS35)	
		Structural Mechanics (16AS36)	
		Environmental Technology (16ET42)	
		Aerodynamics (Theory & Practice)	

	(16AS43)	
	Aerospace Structures (Theory & Practice) (16AS44)	
	Kinematics and Dynamics of Machines (16AS45)	
	Manufacturing Technology (Theory & Practice) (16AS46)	
	IPR & Entrepreneurship (16HSI51)	
	Flight Mechanics (Theory & Practice) (16AS52)	
	Gas Dynamics (Theory & Practice) (16AS53)	
	Mechanics of composite structures (16AS54)	
	Finite Element Methods (16AS55)	
	Experimental Aerodynamics (16AS5A1)	
	Fatigue & Fracture Mechanics (16AS5A2)	
	Aerospace Reliability and Quality Control (16AS5A3)	
	Numerical Methods (16AS5A4)	
	Foundations of Management & Economics(16HEM61)	
	Aerospace Propulsion (Theory & Practice) (16AS62)	
	Vibration Engineering (Theory & Practice) (16AS63)	
	Aircraft Instrumentation (Theory & Practice) (16AS64)	
	Professional Practice-III (Employability Skills and Professional Development of Engineers) (16HSE68)	
	Computational Fluid Dynamics (16AS6C1)	
	Cryogenics (16AS6C2)	
	Hydraulics and Pneumatics (16AS6C3)	
	Fundamentals of Astrophysics (16AS6D3)	
	Advanced Material Technology (16AS6C4)	
	Non-Destructive Testing and Evaluation (16AS6C5)	
	Boundary Layer Theory (16AS6D1)	
	Experimental Stress Analysis (16AS6D2)	
	Spacecraft Design (16AS6D4)	
	Combustion & Heat Transfer (16AS6D5)	
	Aircraft Systems (16GE6XX)	
	Control Engineering (16AS71)	
	Aircraft Stability & control (16AS72)	
	Avionics (16AS73)	
	Mini Project (16AS74)	
	Missile Aerodynamics (16AS7F1)	
	Hypersonic Aerodynamics (16AS7G1)	

		Unmanned Air Vehicles (16GH7XX)	
		Operations Research (16AS7F2)	
		Theory of Aeroelasticity (16AS7G2)	
		Space Dynamics (16AS7F3)	
		Helicopter Dynamics (16AS7G3)	
		Smart Materials (16AS7F4)	
		Flight Testing (16AS7G4)	
		Unmanned Air Vehicles (16GH7XX)	
		Major Project (16XXP81)	
		Technical Seminar (16XXS82)	
		Innovation and Social Skills (16HSS83)	
Biotechnology (BT)	01-08-2017	Biology for Engineers (16EB32)	01-08-2017
		Biochemistry (16BT33)	
		Cell and Microbiology (16BT34)	
		Unit Operations (16BT35)	
		Thermodynamics (16BT36)	
		Biostatistics (16BT41)	
		Environmental Technology (16ET42)	
		Biophysics. & Instrumentation techniques (16BT43)	
		Basics of Computer applications (16BT44)	
		Process Principles and Calculations (16BT45)	
		Molecular Biology (16BT46)	
		Professional Practice – II (Teamwork & Professional ethics) (16HS47)	
		IPR & Entrepreneurship (16HSI51)	
		Bioinformatics (16BT52)	
		Genetic Engineering (16BT53)	
		Reaction Engineering (16BT54)	
		Immunotechnology (16BT55)	
		Foundations of Management And Economics (16HEM61)	
		Microbial Biotechnology (16BT62)	
		Process Dynamics & Control (16BT63)	
		Genomics & Proteomics (16BT64)	
		Plant Biotechnology (16BT71)	
		Downstream Processing (16BT72)	
		Animal Biotechnology (16BT73)	
		Major Project (16BTP81)	
		Pharmaceuticals	
		Clinical Technology	
		Medical Instrumentation	
		Nanobiotechnology	
		Vaccine Technology	
		Food & Agricultural Biotechnology	
		Agricultural Biotechnology	
		Food Engineering	
		Food & Dairy Biotechnology	
		Plant - Based Vaccines	
		Nutraceuticals	
		Health & Pharmaceuticals	

		Industrial Biotechnology	
		Process Engineering	
		Fermentation Technology	
		Plant Design & Economics	
		Equipment Design & Drawing	
		GMP, GLP, Biosafety and Biobusiness	
		Informatics	
		Data Structure	
		Java and J2EE	
		Systems Biology	
		MAT LAB	
		HPC and Big data analysis	
Civil Engineering (CV)	01-08-2017	Engineering Materials (16EM32A)	01-08-2017
		Strength of Materials (16CV33)	
		Concrete Technology (16CV34)	
		Fluid Mechanics (16CV35)	
		Water supply and Treatment Engineering (16CV36)	
		Environmental Technology (16ET42)	
		Theory of Structures (16CV43)	
		Building Construction and Planning (16CV44)	
		Surveying (16CV45)	
		Waste Water Engineering (16CV46)	
		Professional Practice-II (Communication Skills and Professional Ethics) (16HS47)	
		Water Resources Engineering (16CV49)	
		Foundations of Management and Economics (16HEM51)	
		Structural Analysis (16CV52)	
		Design and Drawing of RCC Structures (16CV53)	
		Highway Engineering (16CV54)	
		Irrigation and Hydraulic Structures (16CV55)	
		Bioinformatics (16G5B01)	
		Fuel Cell Technology (16G5B02)	
		Geoinformatics (16G5B03)	
		Graph Theory (16G5B04)	
		Artificial Neural Networks & Deep Learning (16G5B05)	
		Hybrid Electric Vehicles (16G5B06)	
		Optimization Techniques (16G5B07)	
		Sensors & Applications (16G5B08)	
		Introduction to Management Information Systems (16G5B09)	
		Industrial Automation (16G5B10)	
		Telecommunication Systems (16G5B11)	
		Computational advanced numerical methods (16G5B12)	
		IPR & Entrepreneurship (16HSI61)	
		Geotechnical Engineering (16CV62)	

	Prestressed Concrete Structures (16CV63)	
	Transportation Engineering (16CV64)	
	Professional Practice-III (Employability Skills and Professional Development of Engineers) (16HS68)	
	Structural Masonry (16CV6C1)	
	Traffic Engineering and transportation Planning (16CV6C2)	
	Air pollution& control Engineering (16CV6C3)	
	Watershed Management (16CV6C4)	
	Structural Dynamics (16CV6D1)	
	Remote sensing & GIS (16CV6D2)	
	Construction Management (16CV6D3)	
	Advanced Concrete Technology (16CV6D4)	
	Bioinspired Engineering (16GE6E01)	
	Green Technology (16GE6E02)	
	Solid Waste Management (16GE6E03)	
	Introduction To Web Programming (16GE6E04)	
	Automotive Electronics (16GE6E05)	
	Industrial Electronics (16GE6E06)	
	Project Management (16GE6E07)	
	Virtual Instrumentation (16GE6E08)	
	Introduction To Mobile Application Development (16GE6E09)	
	Automotive Engineering (16GE6E10)	
	Mobile Network System And Standards (16GE6E11)	
	Partial Differential Equations (16GE6E12)	
	Design and Drawing of Steel Structures (16CV71)	
	Foundation Engineering (16CV72)	
	Estimation and Costing (16CV73)	
	Extensive Survey Project * (16CV74)	
	Bridge Engineering (16CV7F1)	
	Solid waste Engineering (16CV7F2)	
	Ground Improvement Techniques (16CV7F3)	
	Urban Water Engineering and Management (16CV7F4)	
	Advanced Design of RCC Structures (16CV7G1)	
	Pavement Analysis and Design (16CV7G2)	
	Rock Mechanics (16CV7G3)	
	Valuation Engineering (16CV7G4)	
	Nanotechnology (16G7H01)	
	Industrial Safety and Risk Management (16G7H02)	
	Intelligent Transportation Systems	

		(16G7H03)	
		Intelligent Systems (16G7H04)	
		Image Processing & Machine Learning (16G7H05)	
		Design of Renewable Energy Systems (16G7H06)	
		Systems Engineering (16G7H07)	
		MEMS and Applications (16G7H08)	
		Introduction to Internet of Things (16G7H09)	
		Industry 4.0 – Smart Manufacturing For The Future (16G7H10)	
		Space Technology and Applications (16G7H11)	
		Major Project (16CVP81)	
		Technical Seminar (16CVS82)	
Mechanical Engineering (ME)	01-08-2017	Engineering Materials (16EM32B)	01-08-2017
		Mechanics of Materials (16ME33)	
		Thermal Engineering – I (16ME34)	
		Fluid Mechanics (16ME35)	
		Manufacturing Processes – I (16ME36)	
		Environmental Technology (16ET42)	
		Metrology and Measurements (16ME43)	
		Kinematics of Machines (16ME44)	
		Thermal Engineering II (16ME45)	
		Manufacturing Processes II (16ME46)	
		Professional Practice-II (Team Work & Professional Ethics) (16HS47)	
		Foundations of Management and Economics (16HEM51)	
		Design of Machine Elements – I (16ME52/16IM52)	
		Heat and Mass Transfer (16ME53)	
		CAD/CAM (16ME54)	
		Dynamics of Machines (16ME55)	
		Mechanics of Composite Materials (16ME5A1)	
		Industrial Robotics (16ME5A2)	
		Refrigeration and Air conditioning (16ME5A3)	
		Advanced Solid Mechanics (16ME5A4)	
		IPR & Entrepreneurship (16HSI61)	
		Design of Machine Elements II (16ME62)	
		Turbo machinery (16ME63)	
		Finite Element Methods (16ME64)	
		Professional Practice-III (Employability Skills and Professional Development of Engineers) (16HS68)	
		Hydraulics and Pneumatics (16ME6C1)	
		Computational Fluid Dynamics (16ME6C2)	
		Energy Conversion Engineering	

		(16ME6C3)	
		Advanced Machine Design (16ME6C4)	
		Product Design and Development (16ME6C5)	
		Gas dynamics and Combustion (16ME6D1)	
		Non Traditional Processes (16ME6D2)	
		Theory of Plates and Shells (16ME6D3)	
		Cutting Tool Design (16ME6D4)	
		Quality Assurance (16ME6D5)	
		Automotive Engineering (16GE6XX)	
		Minor Project (16ME71)	
		Mechanical Vibrations (16ME72)	
		Control Engineering (16ME73)	
		Automotive Systems Engineering(16ME7F1)	
		Advanced Mechanisms Design (16ME7F2)	
		Non-Linear Finite Element Methods (16ME7F3)	
		Design of Heat Exchangers (16ME7F4)	
		Advanced Manufacturing Practices (16ME7G1)	
		Design for Manufacturing and Assembly (16ME7G2)	
		Plastic Mould Design (16ME7G3)	
		Engineering Systems Design (16ME7G4)	
		Industry 4.0 – Smart Manufacturing for the Future (16GH7XX)	
		Major Project (16MEP81)	
		Technical Seminar (16MES82)	
		Innovation and Social Skills (16HSS83)	
Electronics and communication engineering (EC)	01-08-2017	Discrete and Integral Transforms (16MA31B)	01-08-2017
		Environmental Technology (16ET32)	
		Analog Microelectronic Circuits (16EC33)	
		Analysis & Design of Digital Circuits (16EC34)	
		Network Analysis & Synthesis (16EC35)	
		Control Systems (16EC36)	
		Linear algebra and Probability Theory (16MA41B)	
		Engineering Materials (16EM42B)	
		Advanced Digital System Design using Verilog HDL (16EC43)	
		Microprocessor & Microcontroller (16EC44)	
		Signals and Systems (16EC45)	
		Fields & Waves (16EC46)	
		Professional Practice-II	

	(Communication Skills and Professional Ethics) (16HS47)	
	IPR & Entrepreneurship (16HSI51)	
	Communication System I (16EC52)	
	Digital VLSI Design (16EC53)	
	Embedded System Design (16EC54)	
	Digital Signal Processing (16EC55)	
	IPR & Entrepreneurship (16HSI51)	
	Essentials of Management and Economics (16HEM51)	
	Antennas and Wave Propagation (16EC5A1)	
	Transducers & Data Acquisition Systems (16EC5A2)	
	Artificial Neural Networks & Deep Learning (16EC5A3)	
	Modelling of semiconductor devices (16EC5A4)	
	Object Oriented Programming in C++ (16EC5A5)	
	Computer Organization and Architecture (16EC5A6)	
	Robotics (16EC5A7)	
	Foundations of Management & Economics (16HEM61)	
	Communication System II (16EC62)	
	Computer Communication Networks (16EC63)	
	Analog & Mixed Signal IC Design (16EC64)	
	Professional Practice-III (Employability Skills and Professional Development of Engineers) (16HSE68)	
	Cryptography & Network Security (16EC6C1)	
	Real Time Embedded Systems (16EC6C2)	
	Image Processing (16EC6C3)	
	Low power VLSI Design (16EC6C4)	
	Data structure using C++ (16EC6C5)	
	System Programming & Software (16EC6C6)	
	Flexible Electronics (16EC6C7)	
	Optical Fiber Communication & Networks (16EC6D1)	
	ARM Cortex Processors (16EC6D2)	
	Adaptive Signal Processing (16EC6D3)	
	System Verilog (16EC6D4)	
	Algorithm for VLSI Design Automation (16EC6D5)	
	Database Management Systems (DBMS) (16EC6D6)	
	Internet of Things (IoT) (16EC6D7)	
	Bioinspired Engineering (16G6E01)	
	Green Technology (16G6E02)	

		Solid Waste Management (16G6E03)	
		Introduction To Web Programming (16G6E04)	
		Automotive Electronics (16G6E05)	
		Industrial Electronics (16G6E06)	
		Project Management (16G6E07)	
		Virtual Instrumentation (16G6E08)	
		Introduction To Mobile Application Development (16G6E09)	
		Automotive Engineering (16G6E10)	
		Mobile Network System And Standards (16G6E11)	
		Partial Differential Equations (16G6E12)	
		Antennas & Wave Propagation	
		Transducers & Data Acquisition Systems	
		Artificial Neural Networks & Deep Learning	
		Modelling of semiconductor devices	
		Object Oriented Programming in C++ /Computer Organization and Architecture	
		Robotics	
		Artificial Neural Networks & Deep Learning (Contact Hours:48)	
		Cryptography & Network Security	
		Real Time Embedded Systems	
		Image Processing	
		Low power VLSI Design	
		Datastructure using C++/System Programming & Software	
		Flexible Electronics	
		Automotive Electronics (Contact Hours:36)	
		Optical Fiber Communication & Networks	
		ARM Cortex Processors	
		Adaptive Signal Processing	
		System Verilog/Algorithm for VLSI Design Automation	
		Database Management Systems (DBMS)	
		Internet of Things (IoT)	
		Satellite Communications & GPS	
		ARM Programming & Optimization	
		Speech Processing	
		Radio Frequency Integrated Circuits Design	
		High Performance Computing	
		Integrated Photonics/Nanoelectronics	
		Image Processing (Contact Hours:36)	
		Radar & Navigation	
		Automotive Electronics	

		Multimedia Communication	
		VLSI Testing for ICs	
		High Speed digital design	
		MEMS and Smart Systems	
		Microwave & Radiating Systems (16EC71)	
		Broadband Wireless –LTE 4G (16EC72)	
		Mini Project (16EC73)	
		Satellite Communications & GPS (16EC7F1)	
		ARM Programming & Optimization (16EC7F2)	
		Speech Processing (16EC7F3)	
		Radio Frequency Integrated Circuits Design (16EC7F4)	
		High Performance Computing (16EC7F5)	
		Integrated Photonics (16EC7F6)	
		Nanoelectronics (16EC7F7)	
		Radar & Navigation (16EC7G1)	
		Automotive Electronics (16EC7G2)	
		Multimedia Communication (16EC7G3)	
		VLSI Testing for ICs (16EC7G4)	
		High Speed digital design (16EC7G5)	
		MEMS and Smart Systems (16EC7G6)	
		Nanotechnology (16G7H01)	
		Industrial Safety and Risk Management (16G7H02)	
		Intelligent Transportation Systems (16G7H03)	
		Intelligent Systems (16G7H04)	
		Image Processing & Machine Learning (16G7H05)	
		Design Of Renewable Energy Systems (16G7H06)	
		Systems Engineering (16G7H07)	
		MEMS and Applications (16G7H08)	
		Introduction to Internet of Things (16G7H09)	
		Industry 4.0 – Smart Manufacturing For The Future (16G7H10)	
		Space Technology And Applications (16G7H11)	
		Major Project (16ECP81)	
		Technical Seminar (16ECS82)	
		Innovation and Social Skills (16HSS83)	
Electrical & Electronics Engineering (EE)	01-08-2017	Engineering Materials / Biology for Engineers (16EM32 /16EB32)	01-08-2017
		Environmental Technology (12ET32)	
		Analog Electronics Systems (16EE33)	
		Digital Logic Design (16EE34)	
		Network Analysis (16EE35)	
		Signals & Systems (16EE36)	

		Measuring Instruments and Transducers (16EE41)	
		Engineering Materials/Biology for Engineers (16EM42/16EB42)	
		Environmental Technology (16ET42)	
		Microprocessor & Micro Controller (16EE43)	
		Fields & Waves (16EE44)	
		Electrical Machines-I (16EE45)	
		Control Systems (16EE46)	
		Professional Practice-II (Team Work & Professional Ethics) (16HSE48)	
		Intellectual Property Rights (16HSI51)	
		Digital Signal Processing (16EE52)	
		Electrical Machines Analysis-II (16EE53)	
		Generation Transmission Distribution (16EE54)	
		H.V Engineering (16EE55)	
		Foundation of Management and Economics (16HEM61)	
		Power Systems Analysis – I (16EE62)	
		Power Electronics (16EE63)	
		Modern Control Theory (16EE64)	
		Professional Practice-III Employability Skills and Professional Development of Engineers (16HSE68)	
		Digital Image Processing (16EE5A1)	
		Object Oriented Programming with C++ (16EE5A2)	
		Embedded Systems (16EE5A3)	
		Alternate Energy Sources (16EE5A4)	
		VLSI Circuit and Design (16EE6C1)	
		FLC and Applications (16EE6C2)	
		Utilization of Electrical Power (16EE6C3)	
		H.V.D.C Power Transmission (16EE6C4)	
		Computer organization and Architecture (16EE6D1)	
		Design and analysis of Algorithms (16EE6D2)	
		Discrete Control System (16EE6D3)	
		Power Quality And RPM (16EE6D4)	
		Bioinformatics (16G5B01)	
		Fuel Cell Technology (16G5B02)	
		Geoinformatics (16G5B03)	
		Graph Theory (16G5B04)	
		Artificial Neural Networks & Deep Learning (16G5B05)	
		Hybrid Electric Vehicles (16G5B06)	
		Optimization Techniques (16G5B07)	
		Sensors & Applications (16G5B08)	
		Introduction To Management	

	Information Systems (16G5B09)	
	Industrial Automation (16G5B10)	
	Telecommunication Systems (16G5B11)	
	Computational advanced numerical methods (16G5B12)	
	Bioinspired Engineering (16GE6E01)	
	Green Technology (16GE6E02)	
	Solid Waste Management (16GE6E03)	
	Introduction To Web Programming (16GE6E04)	
	Automotive Electronics (16GE6E05)	
	Industrial Electronics (16GE6E06)	
	Project Management (16GE6E07)	
	Virtual Instrumentation (16GE6E08)	
	Introduction To Mobile Application Development (16GE6E09)	
	Automotive Engineering (16GE6E10)	
	Mobile Network System And Standards (16GE6E11)	
	Partial Differential Equations (16GE6E12)	
	Power Systems Analysis –II (16EE71)	
	Modern Power System Protection (16EE72)	
	Mini Project and Industrial Tour (16EE73)	
	Flexible AC Transmission Systems (FACTS) (16EE7F1)	
	Object oriented Modelling and Design (16EE7F2)	
	Communication Systems (16EE7F3)	
	PLC and Automation (16EE7F4)	
	Digital protection of power systems (16EE7G1)	
	Power system operation and control (16EE7G2)	
	Industrial Drives and Applications (16EE7G3)	
	Electrical Installation Estimating and Costing (16EE7G4)	
	Nanotechnology (16G7H01)	
	Industrial Safety and Risk Management (16G7H02)	
	Intelligent Transportation Systems (16G7H03)	
	Intelligent Systems (16G7H04)	
	Image Processing & Machine Learning (16G7H05)	
	Design Of Renewable Energy Systems (16G7H06)	
	Systems Engineering (16G7H07)	
	MEMS and Applications (16G7H08)	
	Introduction to Internet of Things (16G7H09)	

		Industry 4.0 – Smart Manufacturing for The Future (16G7H10)	
		Space Technology and Applications (16G7H11)	
		Major Project (16EEP81)	
		Technical Seminar (16EES82)	
		Innovation and Social Skills (16HSS83)	
Telecommunication Engineering (TE)	01-08-2017	Discrete and Integral Transforms (16MA31B)	01-08-2017
		Environmental Technology (16ET32)	
		Analog Electronic Circuits (16TE33)	
		Digital Electronics Circuits (16TE34)	
		Network Analysis (16TE35)	
		Fields and Waves (16TE36)	
		Linear Algebra & Probability Theory (16MA41B)	
		Engineering Materials (16EM42B)	
		Analog Communication (16TE43)	
		Signals and Systems (16TE44)	
		Microprocessor and Microcontrollers (16TE45)	
		Data Structures Using C++ (16TE46)	
		Professional Practice-II (Team Work and Professional Ethics) (16HS47)	
		IPR & Entrepreneurship (16HSI51)	
		Digital Signal Processing (16TE52)	
		Digital Communication (16TE53)	
		Telecom Switching System (16TE54)	
		Microwave Engineering (16TE55)	
		Digital Design and Verification using Verilog (16TE5A1)	
		Control Systems (16TE5A2)	
		Video Engineering/ Digital Video Broadcasting (16TE5A3)	
		Computer Organization and Architecture (16TE5A4)	
		Bioinformatics (16G5B01)	
		Fuel Cell Technology (16G5B02)	
		Geoinformatics (16G5B03)	
		Graph Theory (16G5B04)	
		Artificial Neural Networks & Deep Learning (16G5B05)	
		Hybrid Electric Vehicles (16G5B06)	
		Optimization Techniques (16G5B07)	
		Sensors & Applications (16G5B08)	
		Introduction To Management Information Systems (16G5B09)	
		Industrial Automation (16G5B10)	
		Telecommunication Systems (16G5B11)	
		Computational advanced numerical methods (16G5B12)	
		Foundations of Management & Economics (16HEM61)	
		Computer Communication	

		Networks (16TE62)	
		Information Theory& Coding (16TE63)	
		Radiating Systems (16TE64)	
		Elective C (PE) (16TE6CX)	
		Elective D (PE) (16TE6DX)	
		Elective E(O E) (16G6XX)	
		Professional Practice-III (Employability Skills and Professional Development of Engineers) (16HS68)	
		CMOS Circuit Design (16TE6C1)	
		ARM Processor (16TE6C2)	
		Multimedia Communication (16TE6C3)	
		Operating Systems (16TE6C4)	
		Microwave Integrated Circuits (16TE6D1)	
		Digital Signal Processor Architecture (16TE6D2)	
		Cryptography and Network Security (16TE6D3)	
		JAVA (16TE6D4)	
		Mobile Network System and standards (16G6BXX)	
		Bioinspired Engineering (16GE6E01)	
		Green Technology (16GE6E02)	
		Solid Waste Management (16GE6E03)	
		Introduction To Web Programming (16GE6E04)	
		Automotive Electronics (16GE6E05)	
		Industrial Electronics (16GE6E06)	
		Project Management (16GE6E07)	
		Virtual Instrumentation (16GE6E08)	
		Introduction To Mobile Application Development (16GE6E09)	
		Automotive Engineering (16GE6E10)	
		Mobile Network System And Standards (16GE6E11)	
		Partial Differential Equations (16GE6E12)	
		Wireless And Mobile Communication (16TE71)	
		Optical Fiber Communication (16TE72)	
		Minor Project (16TE73)	
		ASIC Design (16TE7F1)	
		Digital Image Processing (16TE7F2)	
		Satellite Communication (16TE7F3)	
		Real Time Embedded systems (16TE7F4)	
		Cellular Mobile Network (16TE7G1)	
		DSP Applications (16TE7G2)	
		Adhoc Networks (16TE7G3)	
		IoT (16TE7G4)	
		Space Technology and Applications	

		(16GH7XX)	
		Nanotechnology (16G7H01)	
		Industrial Safety and Risk Management (16G7H02)	
		Intelligent Transportation Systems (16G7H03)	
		Intelligent Systems (16G7H04)	
		Image Processing & Machine Learning (16G7H05)	
		Design Of Renewable Energy Systems (16G7H06)	
		Systems Engineering (16G7H07)	
		MEMS and Applications (16G7H08)	
		Introduction to Internet of Things (16G7H09)	
		Industry 4.0 – Smart Manufacturing For The Future (16G7H10)	
		Space Technology And Applications (16G7H11)	
		Major Project (16TEP81)	
		Technical Seminar (16TES82)	
		Innovation and Social Skills (16HSS83)	
Chemical Engineering (CH)	01-08-2017	Engineering Materials (16EM32B)	01-08-2017
		Chemical Engineering Thermodynamics (16CH33)	
		Momentum Transfer (16CH34)	
		Process Principles and Calculations (16CH35)	
		Technical Chemistry (16CH36)	
		Environmental Technology (16ET42)	
		Process Heat Transfer (16CH43)	
		Particulate Technology (16CH44)	
		Chemical Technology (16CH45)	
		Mass Transfer-I (16CH46)	
		Professional Practice-II (Communication Skills and Professional Ethics) (16HS47)	
		Foundations of Management and Economics (16HEM51)	
		Chemical Reaction Engineering (16CH52)	
		Mass transfer-II (16CH53)	
		Chemical Plant utilities and safety systems (16CH54)	
		Chemical Process Integration(16CH55)	
		Elective A (PE) (16CH5AX)	
		Elective B (OE) (16G5BXX)	
		Nanotechnology(16CH5A1)	
		Renewable Energy Technologies	

	(16CH5A2)	
	Applied mathematics for chemical Engineering(16CH5A3)	
	Piping Engineering Design(16CH5A4)	
	Fuel Cell Technology(16G5BXX)	
	IPR & Entrepreneurship(16HS161)	
	Chemical Equipment Design and Drawing(16CH62)	
	Process Simulation and Modelling(16CH63)	
	Heterogeneous Reaction Systems(16CH64)	
	Elective C (PE) (16CH6CX)	
	Elective D (PE) (16CH6DX)	
	Elective E (O E) (16G6XX)	
	Professional Practice-III (Employability Skills and Professional Development of Engineers(16HS68)	
	Nanofabrication(16CH6C1)	
	Fuel cell Technology(16CH6C2)	
	Computational methods for chemical Engineers(16CH6C3)	
	Pilot plant and scale up studies(16CH6C4)	
	Biochemical Engineering(16CH6D1)	
	Pollution control Engineering(16CH6D2)	
	Novel separation Techniques(16CH6D3)	
	Polymer Science and Technology(16CH6D4)	
	Green Technology(16G6BXX)	
	Transport Phenomena(16CH71)	
	Process Dynamics and Control(16CH72)	
	Process Engineering Economics(16CH73)	
	Nanotechnology Applications(16CH7F1)	
	Biofuel Engineering(16CH7F2)	
	Computational Fluid Dynamics(16CH7F3)	
	Instrumental Methods of Analysis(16CH7F4)	
	Food Technology(16CH7G1)	
	Petrochemical Processing(16CH7G2)	
	Industrial Safety and Risk Management(16CH7G3)	
	Polymer Composites(16CH7G4)	
	Industrial Safety and Risk Management(16G7HXX)	
	Major Project(16CHP81)	
	Technical Seminar(16CHS82)	
	Innovation and Social Skills(16HSS83)	

Industrial engineering and Management(IEM)	01-08-2017	Engineering Materials(16EM32B)	01-08-2017
		Mechanics of Materials(16ME33)	
		Principles of Fluid Mechanics and Thermodynamics(16IM34)	
		Measurements & Metrology(16IM35)	
		Manufacturing Processes(16IM36)	
		Basic of Machine Design & Drawing(16IM41)	
		Environmental Technology(16ET42)	
		Engineering Statistics(16IM43)	
		Computer Integrated Manufacturing(16IM44)	
		Design of Work Systems(16IM45)	
		Operations Research(16IM46)	
		Professional Practice-II (Team Work and Professional Ethics(16HS47)	
		Foundations of Management & Economics(16HEM51)	
		Industrial Ergonomics(16IM52)	
		Quality and Reliability Engineering(16IM53)	
		Simulation Modelling and Analysis(16IM54)	
		Operations Management(16IM55)	
		Advanced Manufacturing Processes(16IM5A1)	
		Methodologies for Quality Improvement(16IM5A2)	
		Advanced Operations Research(16IM5A3)	
		Marketing Management & Research(16IM5A4)	
		Software Engineering & Testing(16IM5A5)	
		Intellectual Property Rights & Entrepreneurship(16HSI61)	
		Enterprise Information Systems(16IM62)	
		Facilities Planning and Design(16IM63)	
		Supply Chain & Logistics Management(16IM64)	
		Digital Manufacturing(16IM6C1)	
		Services Operations Management(16IM6C2)	
		Reliability Engineering(16IM6C3)	
		Financial Management(16IM6C4)	
		Data Mining Technologies(16IM6C5)	
		3-D Metrology(16IM6C6)	
		Systems Engineering(16IM6D1)	
		Cognitive Ergonomics(16IM6D2)	

		Design of Experiments(16IM6D3)	
		Human Resource Management & Development(16IM6D4)	
		E-Commerce(16IM6D5)	
		User Interface Design(16IM6D6)	
		16G6BXX	
		Principles of Soft Computing(16IM71)	
		Financial Accounting and Costing(16IM73)	
		Product Design and Development(16IM73)	
		Foundations of Business Analytics(16IM74)	
Computer science and engineering	01-08-2017	Laplace Transforms, Fourier Series and Linear Algebra(16MA31A)	01-08-2017
		Biology for Engineers (16EB32)	
		Data Structures Using C (16CS33)	
		Logic Design (16CS34)	
		Computer Organization (16CS35)	
		Discrete Mathematics (16CS36)	
		Bridge Course C Programming(16DCS37)	
		Graph Theory and Probability Theory(16MA41A)	
		Environmental Technology(16ET42)	
		Design and Analysis of Algorithms(16CS43)	
		Object Oriented Programming using JAVA(16CS44)	
		Operating Systems(16CS45)	
		Theory of Computation(16CS46)	
		Professional Practice-II (Communication Skills and Professional Ethics) (16HS47)	
		Bridge Course Mathematics (16DMA48)	
		Intellectual Property Rights and Entrepreneurship (16HSI51)	
		Database Design (Theory and Practice)(16CS52)	
		Microcontroller & Embedded Systems (Theory and Practice)(16CS53)	
		Software Engineering (Theory and Practice)(16CS54)	
		Computer Communication & Networks(16CS55)	
		Elective A (PE)(16CS5AX)	
		Elective B (OE) (16G5BXX)	
		Foundations of Management and Economics(16HEM61)	

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		Compiler Design (Theory and Practice) (16CS62)	
		Computer Networks (Theory and Practice) (16CS63)	
		Computer Architecture (16CS64)	
		Elective C (PE)(16CS6CX)	
		Elective D (PE)(16CS6DX)	
		Elective E(OE)(16G6EXX)	
		Professional Practice-III (Employability Skills and Professional Development of Engineers)(16HS68)	
		Parallel Architecture & Distributed Programming (16CS71)	
		Data Science and Machine Learning Essentials (16CS72)	
		Computer Graphics (16CS73)	
		Elective F (PE) (16CS7FX)	
		Elective G (PE) (16CS7GX)	
		Elective H (OE)(16G7HXX)	
		Major Project(16CSP81)	
		Technical Seminar(16CSS82)	
		Innovation and Social Skill(16HSS83)	
ISE	01-08-2017	Fourier series,Laplace transforms and Linear algebra (16MA31A)	01-08-2017
		Biology for Engineers (16EB32)	
		Discrete Mathematical Structures (16IS33)	
		Computer Organization and Architecture (16IS34)	
		Data Structures and File Structures(16IS35)	
		Object Oriented Programming using C++(16IS36)	
		Graph & Probability Theory(16MA41A)	
		Environmental Technology(16ET42)	
		Operating Systems(16IS43)	
		Design and Analysis of Algorithms(16IS44)	
		Micro controllers and Embedded Systems(16IS45)	
		Unix System Programming(16IS46)	
		Professional Practice-II (Team Work and Professional Ethics (16HSE47)	
		Bridge Course Mathematics(16DMA48)	
		IPR & Entrepreneurship (16HSI51)	
		Theory of Computation(16IS52)	
		Computer Networks(16IS53)	

		Introduction to Parallel Programming(16IS54)	
		System Software(16IS55)	
		Elective A (PE)(16IS5AX)	
		Elective B (OE)(16GB5XX)	
		Foundations of Management & Economics(16HEM61)	
		Web Programming(16IS62)	
		Software Engineering and Testing(16IS63)	
		Database Management System(16IS64)	
		Elective C (PE)(16IS6CX)	
		Elective D (PE)(16IS6DX)	
		Elective E(O E)(16GE6XX)	
		Professional Practice-III (Employability Skills and Professional Development of Engineers)(16HSE68)	
		Human Computer Interaction (16IS71)	
		Data Science and Engineering(16IS72)	
		Cryptography and Network Security(16IS73)	
		Elective F (PE)(16IS7FX)	
		Elective G(PE)(16IS7GX)	
		Elective H (OE)(16G7HXX)	
		Major Project(16ISP81)	
		Technical Seminar(16ISS82)	
		Innovation and Social Skills(16HSS83)	
MCA	01-08-2017	Data Structures (Theory and Practice)(16MCA11)	01-08-2017
		Operating Systems (Theory and Practice)(16MCA12)	
		Web Technologies (Theory and Practice)(16MCA13)	
		Computer Organization and Architecture(16MCA14)	
		16MAT15 Discrete Mathematics	
		Database Systems (Theory and Practice) (16MCA21)	
		Object Oriented Programming (Theory and Practice)(16MCA22)	
		Analysis and Design of Algorithms (Theory and Practice)(16MCA23)	
		Software Engineering(16MCA24)	
		Management Information System and E-Commerce (16MCA25)	
		Computer Networks (Theory and Practice) (16MCA31)	
		Software Testing and Practices (Theory and Practice)(16MCA32)	
		Elective-1 (Theory and Practice)(16MCA33X)	
		Elective-2(16MCA34X)	

		Research Methodology(16MCA35)	
		Enterprise Application Programming (Theory and Practice)(16MCA41)	
		Elective-3 (Theory and Practice)(16MCA42X)	
		Elective-4(16MCA43X)	
		Software Project Management(16MCA44)	
		Business Communication(16MCA45)	
		Minor Project-1(16MCA46)	
		Data Analytics (Theory and Practice)(16MCA51)	
		Elective - 5 (Theory and Practice)(16MCA52X)	
		Elective – 6(16MCA53X)	
		Elective – 7(16MCA54X)	
		Minor Project II(16MCA55)	
		Major Project(16MCA61)	
		Seminar(16MCA62)	
Electronics and Instrumentation Engineering	01-08-2017	Discrete and Integral Transforms(16MA31B)	01-08-2017
		Environmental Technology 16ET32	
		Linear IC's and Applications (Theory and Practice 16EI33	
		Digital Circuit Design (Theory and Practice) 16EI34	
		Signals & Systems 16EI35	
		Measurements and Instrumentation 16EI36	
		Linear Algebra and Probability Theory 16MA41B	
		Engineering Materials 16EM42B	
		Microcontroller & Applications (Theory and Practice) 16EI43	
		Sensors and Instrumentation (Theory and Practice) 16EI44	
		Control Systems and Modelling 16EI45	
		Digital System Design using Verilog (Theory and Practice) 16EI46	
		Professional Practice-II (Communication Skills & Professional Ethics) 16HS47	
		Foundations of Management and Economics 16HEM51	
		VLSI Technology (Theory and Practice) 16EI52	
		Digital Signal Processing & Applications (Theory and Practice) 16EI53	
		Non-Linear Control System 16EI54	

		OOPS with C++ & Data Structure 16EI55	
		Elective A (PE) 16EI5AX	
		Computer Organization & Architecture 16EI5A1	
		Biomedical Instrumentation 16EI5A2	
		Micro ElectroMechanical Systems and Applications 16EI5A3	
		Image Processing 16EI5A4	
		Elective B (OE) 16G5BXX	
		Sensors & Applications 16G5B08	
		IPR & Entrepreneurship 16HSI61	
		Virtual Instrumentation & Data acquisition (Theory and Practice) 16EI62	
		Automatic Process Control and Modelling Techniques (Theory and Practice) 16EI63	
		Elective C (PE) 16EI6CX	
		Computer Communication Networks 16EI6C1	
		Advanced Signal Processing 16EI6C2	
		Lasers Instrumentation and Application 16EI6C3	
		Java Programming 16EI6C4	
		Elective D(PE) 16EI6DX	
		Analytical Instrumentation 16EI6D1	
		Automotive Electronics 16EI6D2	
		Application Specific Integrated Circuits (ASIC) 16EI6D3	
		Aircraft Instrumentation 16EI6D4	
		Communication Systems 16EI64	
		Elective E(OE) 16G6EXX	
		Virtual Instrumentation 16G6EXX	
		Professional Practice-III (Employability Skills and Professional Development of Engineers) 16HS68	
		Industrial Automation Technology (Theory and Practice) 16EI71	
		ARM Processor (Theory and Practice) 16EI72	
		Mini Project 16EI73	
		Elective F (PE) 16EI7FX	
		Optimization Techniques 16EI7F1	
		Robotics 16EI7F2	
		Product Design Technology 16EI7F3	
		Real time Operating systems (RTOS) 16EI7F4	
		Elective G(PE) 16EI7GX	
		Simulation & Modelling 16EI7G1	

		System on Chip (SoC) 16EI7G2	
		Safety Instrumentation 16EI7G3	
		Wireless Instrumentation 16EI7G4	
		Elective H (OE) 16G7HXX	
		MEMS and Application 16G7H08	
		Major Project 16EIP81	
		Technical Seminar 16EIS82	
		Innovation and Social Skills 16HSS83	
		Post Graduate Courses	
Bioinformatics (M.tech)	01-09-2017	Project Management(16MEM11P)	01-09-2017
		Applied Statistics(16MBI12)	
		Principles of Bioinformatics (Theory and Practice)(16MBI13)	
		Biomolecular Modeling and Simulation(16MBI14)	
		Professional Skill Development(16HSS16)	
		Cell and Molecular Biology(16MBI151)	
		Data Structures in C and C++(16MBI152)	
		Research Methodology(16MEM21R)	
		Genomics, Proteomics and Genetic Circuits (Theory and Practice)(16MBI22)	
		Data Warehousing and Mining(16MBI231)	
		Artificial Intelligence(16MBI232)	
		Insilico Drug Design(16MBI241)	
		Pharmacogenomics(16MBI242)	
		Essential Programming for Bioinformatics(16MBI251)	
		High Performance Bio- Computing(16MBI252)	
		Minor Project(16MBI26)	
		Perl and Python(16MBI31)	
		Statistical Tools and Techniques(16MBI321)	
		High Throughput Data Analytics(16MBI322)	
		DNA chips and Microarray Data Analysis(16MBI331)	
		Software Engineering for Computational Biology(16MBI332)	
		Next Generation Sequencing Informatics(16MBI341)	
		Graph Theory and Algorithms(16MBI342)	
		Internship/ Industrial Training(16MBI35)	
		Technical Seminar(16MBI36)	

		Major Project(16MBI41)	
		Seminar(16MBI42)	
Biotechnology (M.tech)	01-09-2017	Project Management(16MEM11P)	01-09-2017
		Advanced Biostatistics(16MBT12)	
		Recombinant DNA Technology (Theory and Practice)(16MBT13)	
		Computational Biology(16MBT14)	
		Genomics, Proteomics and Microarray(16MBT151)	
		Enzyme Technology(16MBT152)	
		Professional Skill Development(16HSS16)	
		Research Methodology(16MEM21R)	
		Upstream Processing (Theory and Practice)(16MBT22)	
		Immunotechnology.(16MBT231)	
		Nanobiotechnology.(16MBT232)	
		Pharmaceutical Biotechnology(16MBT241)	
		Agricultural Biotechnology(16MBT242)	
		Recombinant DNA Products(16MBT251)	
		Bioreactor Engineering(16MBT252)	
		Minor Project(16MBT26)	
		Downstream Processing & Product Recovery (Theory and Practice)(16MBT31)	
		Stem Cell and Tissue Engineering(16MBT321)	
		Food process technology(16MBT322)	
		Human Diseases and Diagnostics(16MBT331)	
		Bioprocess Optimization, Modelling & Simulation(16MBT33)	
		Regulatory Affairs & Bio business(16MBT341)	
		Biodevices.(16MBT342)	
		Internship / Industrial Training(16MBT35)	
		Technical Seminar(16MBT36)	
		Major Project(16MBT41)	
		Seminar(16MBT42)	
Computer Integrated Manufacturing(Mtech)	01-09-2017	Project Management(16MEM11 P)	01-09-2017
		Probability & Statistics for	

		Engineers(16MAT12 B)	
		Computer Control of Manufacturing Systems (Theory & Practice)(16MCM13)	
		Computer Aided Design(16MCM14)	
		Digital Manufacturing(16MCM151)	
		Hydraulic and Pneumatic Systems(16MCM152)	
		Professional Skill Development(16HSS16)	
		Research Methodology(16MEM21R)	
		Mechatronic Systems (Theory & Practice)(16MCM22)	
		Non Traditional Machining and Testing(16MCM231 / 16MTE231)	
		Design of Machine Tools(16MPD232/16MCM232)	
		Tooling for Manufacture in Automation(16MCM241/16MTE241)	
		Industrial Robotics(16MMD242/16MCM242)	
		Automation and Production Systems(16MCM251)	
		Computer Aided Process Planning(16MCM252)	
		Minor Project(16MCM26)	
		Computational Methods(Theory & Practice)(16MCM31)	
		Additive Manufacturing Technology(16MCM321)	
		Product Data Management(16MCM322)	
		Modelling and Simulation of Manufacturing Systems(16MCM331)	
		Design for Manufacture and Assembly(16MCM332/16MTE332)	
		Micro and Nano Manufacturing(16MCM341)	
		Applied Metrology and Quality Control(16MCM342/16MTE342)	
		Internship/Industrial Training(16MCM35)	
		Technical Seminar(16MCM36)	
		Major Project(16MCM41)	
		Seminar(16MCM42)	
Tool Engineering(MTech)	01-09-2017	Project Management(16MEM11P)	01-09-2017
		Probability & Statistics for Engineers(16MAT12B)	
		Design of Jigs and Fixtures(Theory & Practice)(16MTE13)	
		Die Casting and Die Design(16MTE14)	
		Plastic Processing(16MTE151)	
		Metallurgy of Tools and	

		Dies(16MTE152)	
		Professional Skill Development(16HSS16)	
		Research Methodology(16MEM21R)	
		Press Tool Design (Theory & Practice)(16MTE22)	
		Design of Hydraulics and Pneumatics(16MMD232/16MTE232)	
		Tooling for Manufacture in Automation(16MCM241/16MTE241)	
		Computer Aided Engineering(16MTE242)	
		Additive Manufacturing(16MPD251/16MTE251)	
		Sheet Metal Forming(16MTE252)	
		Non-Traditional Machining and Testing(16MCM231/16MTE231)	
		Minor Project(16MTE26)	
		Plastic Moulds Design (Theory & Practice)(16MTE31)	
		Advanced Mould Techniques(16MTE321)	
		Lean Manufacturing(16MPD322/16MTE322)	
		Quality and Reliability Engineering(16MTE331)	
		Design for Manufacturing and Assembly include(16MCM332/16MTE332)	
		Cutting Tool Design(16MTE341)	
		Applied metrology and Quality Control(16MCM342/16MTE342)	
		Internship/Industrial Training(16MTE35)	
		Technical Seminar(16MTE36)	
		Major Project(16MTE41)	
		Seminar(16MTE42)	

MCA	01-08-2017	Discrete Mathematics(18MAT11)	01-08-2017
		Computer Organization and Architecture (18MCA12)	
		Data Structures using C(18MCA13)	
		Object Oriented Programming(18MCA14)	
		Web Programming(18MCA15)	
		Software Engineering(18MCA21)	
		E-Commerce (18MCA22)	
		Data Base Systems (18MCA23)	
		Operating Systems (18MCA24)	
		Java Programming (18MCA25)	
		Research Methodology(18MCA31)	

		Analysis and Design of Algorithms(18MCA32)	
		Computer Networks(18MCA33)	
		Non-Relational Databases (NOSQL)(18MCA341)	
		Operations Research(18MCA342)	
		Machine Learning(18MCA343)	
		Content Management System(18MCA351)	
		Advanced OOPS(18MCA352)	
		Model View Controller Programming(18MCA353)	
		Software Testing(18MCA41)	
		Mobile Application Development(18MCA42)	
		Information Retrieval(18MCA431)	
		Pattern Recognition (18MCA432)	
		Software Architecture(18MCA433)	
		Computer Graphics(18MCA441)	
		Advanced Computer Networks(18MCA442)	
		Enterprise Application Programming(18MCA443)	
		Software Project Management(18MCA51)	
		Big Data Analytics(18MCA52)	
		Cyber Security(18MCA531)	
		Software Performance Engineering(18MCA532)	
		Wireless Mobile Networks(18MCA541)	
		Soft Computing(18MCA542)	
		Cloud Computing(18MCA551)	
		Internet of Things(18MCA552)	
		Minor Project – II(18MCA56)	
		Project & Viva Voce(18MCA61)	
		Seminar-2(18MCA62)s	
Communication systems	01-08-2017	Probability Theory & Linear Algebra(18 MAT11B)	01-08-2017
		Advanced Communications Systems - 1(18MCS12)	
		Advanced Communication Networks &	

		Protocols(18MCS13)	
		Advanced Embedded Systems(18MCS141)	
		Advanced Digital Signal Processing(18MCS142)	
		RF and Microwave Circuits(18MCS143)	
		MEMS and Smart Systems(18MVE151)	
		Digital Image Processing(18MCS152)	
		Cryptography and Network Security(18MCS153)	
		Professional Skill Development (18HSS16)	
		Advanced Communications Systems - 2(18MCS21)	
		Error Control and Coding(18MCS22)	
		Research Methodology(18IEM23)	
		Antenna Theory(18MCS241)	
		Machine Learning(18MCS242)	
		Optical Communication Networks(18MCS243)	
		Wireless Sensor Networks and IOT(18MCS251)	
		Deep Learning(18MCE252)	
		VLSI Digital Signal Processing Systems(18MVE253)	
		Business Analytics(18 GCS261)	
		Industrial & Occupational Health and Safety(18 GCV262)	
		Modelling Using Linear Programming(18 GIM263)	
		Project Management (18 GIM264)	
		Energy Management (18 GCH265)	

		Industrial 4.0(18GME266)	
		Advanced Materials (18GME267)	
		Smart Antenna Signal Processing(18MCS31)	
		Wireless Cellular and LTE 4G Broadband (18MCS321)	
		Wire line Broadband Communications(18MCS322)	
		Wireless LAN(18MCS323)	
		Internship(18MCS33)	
		Dissertation Phase I(18MCS34)	
		Dissertation Phase II(18MCS41)	
		Technical Seminar(18MCS42)	
VLSI	01-09-2017	Digital System Design using Verilog(18MVE11)	01-09-2017
		Advanced Embedded System Design (18MVE12)	
		Digital IC Design (18MVE13)	
		Advanced Computer Architecture(18MVE141)	
		ASIC Design(18MVE142)	
		Algorithms for VLSI Design(18MVE143)	
		MEMS and Smart Systems(18MVE151)	
		System On Chip Design(18MVE152)	
		Advanced VLSI Devices(18MVE153)	
		Professional Skill Development (18HSS16)	
		Analog IC Design(18MVE 21)	
		System Verilog for Design & Verification(18MVE 22)	

		Research Methodology(18IEM23)	
		VLSI Testing(18MVE241)	
		Machine Learning (18MCS242)	
		High speed VLSI Design(18MVE243)	
		Low Power VLSI Design(18MVE251)	
		Advanced Embedded Processors(18MVE252)	
		VLSI Digital Signal Processing Systems(18MVE253)	
		Business Analytics(18 GCS261)	
		Industrial & Occupational Health and Safety(18 GCV262)	
		Modeling Using Linear Programming(18 GIM263)	
		Project Management (18 GIM264)	
		Energy Management (18 GCH265)	
		Industrial 4.0(18GME266)	
		Advanced Materials (18GME267)	
		Minor Project(18MVE27)	
		Synthesis & Optimization of Digital Circuits(18MVE31)	
		Radio Frequency IC Design (18MVE321)	
		ARM Programming and Optimization(18MVE322)	
		Static Timing Analysis(18MVE323)	
		Internship(18MVE33)	
		Dissertation Phase I(18MVE34)	
		Dissertation Phase II(18MVE41)	
		Technical Seminar(18MVE42)	

CNE	01-08-2017	Probability Theory and Linear Algebra(18MAT11B)	01-08-2017
		Information and Network Security (18MCN12)	
		Advances in Computer Networks 9(18MCN13)	
		Wireless Ad-Hoc and Sensor Networks(18 MCN 141)	
		Data Management Essentials(18MCN 142)	
		Applied Cryptography(18MCN 143/ 18 MCE 143)	
		Cloud Computing Technology(18 MCN 151/ 18 MCE 151)	
		Information Coding(18 MCN 152)	
		Wireless Network Security(18 MCN 153/ 18 MCE 153)	
		Professional Skills Development (18HSS16)	
		Wireless Communication Technologies(18MCN21)	
		Advances in Network Management(18MCN22)	
		Research Methodology(18IEM23)	
		Network Routing and Protocols(18 MCN 241)	
		Machine Learning(18 MCN 242/ 18 MSC 242/18 MCS 242/18 MBI 242/18 MDC 242)	
		Cloud Security(18 MCN 243 / 18 MCE 243)	
		Internet of Things and Applications(18 MCN 251/ 18 MCE 251)	
		Advances in Algorithms(18 MCN 252)	
		Security Engineering(18 MCN 253/ 18	

		MCE 253)	
		Business Analytics(18 GCS 261)	
		Industrial & Occupational Health And Safety(18 GCV 262)	
		Modeling Using Linear Programing(18 GIM 263)	
		Project Management (18 GIM 264)	
		Energy Management (18 GCH 265)	
		Industry 4.0(18 GME 266)	
		Advanced Materials (18 GME 267)	
		Minor Project(18MCN27)	
		High Speed Networks(18MCN31)	
		Software Defined Systems(18 MCN 321/ 18 MCE 321)	
		Secure Software Design(18 MCN 322)	
		Cyber Security(18MCN 323/ 18 MCE 323)	
		Internship(18MCN33)	
		Dissertation Phase I(18MCN34)	
		Dissertation Phase II(18MCN41)	
		Technical Seminar(18MCN42)	
CSE	01-08-2017	Probability Theory and Linear Algebra(18MAT11B)	01-08-2017
		Advances in Algorithms and Applications (18MCE12)	
		Data Science (18MCE13)	
		Computer Network Technologies(18MCE141)	
		Data Preparation and Analysis (18MCE142)	
		Applied Cryptography(18MCE143/	

		18MCN143)	
		Cloud Computing Technology(18MCE151 / 18MCN151)	
		Intelligent Systems(18MCE152 / 18MMD152/18 MCM152)	
		Wireless Network Security(18MCE153/ 18MCN153)	
		Professional Skills Development (18HSS16)	
		Big Data Analytics(18MCE21)	
		Parallel Computer Architecture(18MCE22)	
		Research Methodology(18 IEM 23)	
		Wireless and Mobile Networks(18 MCE 241)	
		Natural Language Processing(18 MCE 242)	
		Cloud Security (18 MCE 243 / 18 MCN 243)	
		Internet of Things and Applications(18 MCE 251 / 18 MCN 251)	
		Deep Learning(18MCE252/18MCS252)	
		Security Engineering(18 MCE 253 / 18 MCN 253)	
		Business Analytics(18 GCS 261)	
		Industrial & Occupational Health And Safety(18 GCV 262)	
		Modeling Using Linear Programing(18 GIM 263)	
		Project Management (18 GIM 264)	
		Energy Management (18 GCH 265)	
		Industry 4.0(18 GME 266)	
		Advanced Materials (18 GME 267)	
		Minor Project(18MCE27)	

		Operating System Design(18MCE31)	
		Software Defined Systems(18MCE321 / 18MCN321)	
		Web Analytics and Development(18MCE322)	
		Cyber Security(18MCE323/ 18MCN323)	
		Internship(18MCE33)	
		Dissertation Phase I(18MCE34)	
		Dissertation Phase II(18MCE41)	
		Technical Seminar(18MCE42)	
Product design	01-08-2017	Applied Mathematics (18 MAT11A)	01-08-2017
		Product Design & Development (18 MPD12)	
		Finite Element Analysis(18MPD13)	
		Product Design for Quality (18 MPD 141/ 18 MMD 141/ 18MCM 141)	
		Tribology (18 MPD 142/ 18 MMD 142/ 18MCM 142)	
		Design of Hydraulic & Pneumatic Systems(18 MPD 143/ 18 MMD 143/ 18MCM 143)	
		Professional Skills Development (18HSS16)	
		Robust Design(18 MPD 21)	
		Product Life Cycle Management(18 MPD22)	
		Research Methodology (18 IEM23)	
		Creative Engineering (18 MPD 241)	
		Artificial Intelligence(18 MPD 242/18 MDC 242)	
		Reliability Engineering (18 MPD 243)	
		Product Cost Analysis & Optimization (18 MPD 251)	

		Robotics & Automation(18 MPD 252 /18 MCM 252)	
		Systems Engineering (18 MPD 253)	
		Business Analytics(18 GCS261)	
		Industrial Safety (18 GCV 262)	
		Modeling Using Linear Programing(18 GIM263)	
		Project Management (18 GIM264)	
		Energy Management (18 GCH 265)	
		Industrial 4.0(18 GME 266)	
		Advanced Materials (18 GME 267)	
		Advanced Materials & Processes (18 MPD 31)	
		Reverse Engineering (18 MPD 321)	
		Digital Manufacturing Technologies (18 MPD 322)	
		Advanced Manufacturing Practices (18 MPD 323/ 18MCM 323)	
		Internship(18 MPD 33)	
		Dissertation Phase I (18 MPD 34)	
		Dissertation Phase II(18MPD41)	
		Technical Seminar(18MPD42)	
MMD	01-09-2017	Engineering Design Optimization (18MAT 11)	01-09-2017
		Mechanics of composite materials(18MMD12)	
		Kinematics and dynamics of mechanisms(18MMD13)	
		Product Design for Quality(18MMD 141)	
		Tribology(18MMD 142)	
		Design of Hydraulic & Pneumatic Systems(18MMD 143)	
		Product Data Management(18MMD	

		151)	
		Design for Manufacture and Assembly(18MMD 152)	
		Advanced NTM(18MMD 153)	
		Advance Theory of Vibration (18MMD 21)	
		Advanced Solid Mechanics(18 MMD 22)	
		Research Methodology (18 MMD 23)	
		Theory of Plates and Shells(18MMD241)	
		Engineering Intelligence System (18MMD242)	
		Computer Applications in Design(18MMD243)	
		Advanced Machine Design(18MMD251)	
		Robotics and Automation(18MMD252)	
		Advanced Finite Element Analysis(18MMD253)	
		Composite Materials (18 MMD 261)	
		Operations Research (18 XXX 262)	
		Energy Management (18 XXX 263)	
		Industry 4.0(18 XXX 264)	
		Project Management(18 XXX 265)	
		Business Analytics (18 XXX 266)	
		Minor Project (18 MMD 27)	
		Fracture Mechanics (18 MMD 31)	
		Mechatronics System Design(18MCM32X)	
		Surface Engineering(18MCM32X)	
		Experimental Mechanics(18MCM32X)	
		Internship(18 MMD 33)	
		Dissertation Phase I(18 MMD 34)	
		Dissertation Phase II(18 MMD 41)	
		Technical Seminar(18 MMD 42)	

Engineering Management	01-08-2017	Project Management(16MEM11P)	01-08-2017
		Applied Statistics & Probability(16MEM12)	
		Essentials of Decision Science(16MEM13)	
		Operation Management(16MEM14)	
		Marketing Management(16MEM151)	
		Computer Integrated Manufacturing(16MEM152)	
		Professional Skill Development(16MEM16)	
		Research Methodology(16MEM21R)	
		Supply Chain & Logistics Management(16MEM22)	
		Engineering Economy(16MEM231)	
		Product Design and Development(16MEM232)	
		Human Resource Management(16MEM241)	
		Advanced Operations Research(16MEM242)	
		Lean Manufacturing Systems(16MEM251)	
		Discrete Event Simulation(16MEM252)	
		Minor Project(16MEM26)	
		Total Quality Management(16MEM31)	
		E-commerce & Business Analytics(16MEM321)	
		Facilities Design(16MEM322)	
		Financial Management(16MEM331)	
		Design of Experiments(16MEM332)	
		Strategic Management(16MEM341)	
		Principles of Reliability Engineering(16MEM342)	
		Internship / Industrial Training(16MEM35)	
		Technical Seminar(16MEM36)	
		Major Project(16MEM41)	
		Seminar(16MEM42)	
Highway Technology	01-09-2017	Project Management(16MEM11P)	01-09-2017
		Highway Materials(16MHT12)	
		Pavement Analysis and Design(16MHT13)	
		Traffic Engineering(16MHT14)	
		Applied Geotechnology for Highway Engineers(16MHT151)	
		Highway Geometric	

		Design(16MHT152)	
		Professional Skill Development(16HSS16)	
		Research Methodology(16MEM21R)	
		Highway Construction and Maintenance(16MHT22)	
		Highway Economics(16MHT231)	
		Road Projects(16MHT241)	
		Road Construction Planning and Management(16MHT251)	
		Urban Public Transport(16MHT232)	
		Road Safety Engineering(16MHT242)	
		Road Construction Equipment(16MHT252)	
		Minor Project (in-house)(16MHT26)	
		Pavement Deterioration and Evaluation (Theory & Practice)(16MHT31)	
		Pavement Management System(16MHT321)	
		Intelligent Transport System(16MHT322)	
		Special Problems in Road Construction(16MHT331)	
		Transportation Planning(16MHT332)	
		Design of Bridges, flyovers and grade separators(16MHT341/ 16MST341)	
		Earth Retaining structures(16MHT342/ 16MST342)	
		Internship/ Industrial Training(16MHT35)	
		Technical Seminar(16MHT36)	
		Major Project(16MHT41)	
		Seminar(16MHT42)	
Structural Engineering	01-09-2017	Project Management(16MEM11P)	01-09-2017
		Matrix Analysis of Structures(16MST12)	
		Advanced Design of RCC Structures(16MST13)	
		Mechanics of Deformable Bodies(16 MST 14)	
		Advanced Design of Steel Structures(16MST151)	
		Structural Masonry (16MST152)	
		Professional Skill Development(16HSS16)	
		Research Methodology(16MEM21R)	
		Structural Dynamics(16 MST 22)	
		Structural Reliability(16MST231)	
		Advanced Pre-stressed Concrete(16MST241)	
		Design of Plates and Shells (16MST251)	
		Repair and Rehabilitation of Structures(16MST232)	

		Design of Substructures(16MST242)	
		Finite Element Method of Analysis(16MST252)	
		Minor Project (in-house)(16MST26)	
		Special Concretes(16 MST 31)	
		Earthquake Resistant Structures(16MST321)	
		Pre cast structures(16MST322)	
		Stability of structures (16MST331)	
		Advanced Structural Analysis(16MST332)	
		Design of Bridges, flyovers and grade separators(16MHT341/ 16MST341)	
		Earth Retaining structures(16MHT342/ 16MST342)	
		Internship/ Industrial Training(16MST35)	
		Technical Seminar(16MST36)	
		Major Project(16 MST 41)	
		Seminar(16 MST 42)	

1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Aerospace Engineering	Yes	-	Date given alongside	01-08-2017	
Biotechnology	Yes	-	Date given alongside	01-08-2017	
Chemical Engineering	Yes	-	Date given alongside	01-08-2017	
Civil Engineering	Yes	-	Date given alongside	01-08-2017	
Computer Science and Engineering	Yes	-	Date given alongside	01-08-2017	
Electrical and Electronics Engineering	Yes	-	Date given alongside	01-08-2017	
Electronics and Communication Engineering	Yes	-	Date given alongside	01-08-2017	
Electronics and Instrumentation Engineering	Yes	-	Date given alongside	01-08-2017	
Industrial Engineering and Management	Yes	-	Date given alongside	01-08-2017	
Information Science and Engineering	Yes	-	Date given alongside	01-08-2017	
Master of Computer Applications	-	Yes	Date given alongside	-	01-08-2017
Mechanical Engineering	Yes	-	Date given alongside	01-08-2017	-
Telecommunication Engineering	Yes	-	Date given alongside	01-08-2017	-
Basic Sciences	Yes	-	Date given alongside	-	01-09-2017
Master of Technology Biotechnology	-	Yes	Date given alongside	-	01-09-2017

Master of Technology Bioinformatics	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Chemical Engineering	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Structural Engineering.	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Highway Technology.	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Computer Science and Engineering	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Computer Network and engineering	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Programme in Power Electronics	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Communication Systems	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in VLSI Design & Embedded Systems	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Bio-Medical Signal Processing & Instrumentation	-	Yes	Date given alongside	-	01-09-2017
Master of Engineering Management	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Software Engineering	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Information Technology	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Product Design and Manufacturing	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Computer Integrated Manufacturing	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Machine Design	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Tool Engineering Design	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in Digital Communication Engineering	-	Yes	Date given alongside	-	01-09-2017
Master of Technology in RF and Microwave Engineering	-	Yes	Date given alongside	-	01-09-2017
1.3 Curriculum Enrichment					
1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses	Date of introduction			Number of students enrolled	
MATHEMATICS	2017-2018			309	
Fourier Series, Laplace Transforms and					

Linear Algebra		
Discrete and Integral Transforms	2017-2018	433
Applied Mathematics-III	2017-2018	544
COMPUTER SCIENCE	2017-2018	---
Environmental Technology		
Management & Organizational Behaviour	2017-2018	---
Engineering Material Science	2017-2018	--
Environmental Science & Biology for Engineers	2017-2018	--
Biology for Engineers	2017-2018	--
Intellectual Property Rights & Entrepreneurship	2017-2018	--
Management & Organizational Behaviour	2017-2018	--
CIVIL	2017-2018	
Professional Practice-II(Team work and professional ethics)		151
Internship/ Industrial Training	2017-2018	17
Technical Seminar	2017-2018	17
Intelligent Transport System	2017-2018	17
Special Problems in Road Construction	2017-2018	17
Major Project	2017-2018	17
Seminar	2017-2018	17
ECE	2017-2018	88
Optical Fiber Communication & Networks		
Cad tools for VLSI	2017-2018	71
Automotive Electronics	2017-2018	61
Advanced Processors	2017-2018	27
ATM Networks	2017-2018	74
Data Base Management Systems	2017-2018	118

Major Project	2017-2018	205
Technical Seminar	2017-2018	205
Innovation & Social Skills	2017-2018	205
Professional Skill Development	2017-2018	16
Major Project	2017-2018	17
Technical Seminar	2017-2018	17
Professional Skill Development	2017-2018	34
Major Project	2017-2018	34
Technical Seminar	2017-2018	34
MECHANICAL IPRE	2017-2018	150
MOB	2017-2018	150
MAJOR PROJECT	2017-2018	150
CHEMICAL Innovation & Social Skills	2017-2018	36
Legal studies and Professional Ethics for Engineers	2017-2018	36
IEM Professional Practice-I (Communicative English)	2017-2018	65
Environmental Technology	2017-2018	--
Professional Practice-II (Team Work and Professional Ethics)	2017-2018	--
Project Work	2017-2018	69
Technical Seminar	2017-2018	69
Innovation and Social Skills	2017-2018	69
EIE Environmental science and Biology for Engineers (Credits Reduced to 2)	2017-2018	60
Linear Integrated Circuits	2017-2018	56

Digital Logic Design	2017-2018	53
Signals & Systems	2017-2018	55
Measurements and Instrumentation	2017-2018	56
Engineering Materials (Credits Reduced to 2)	2017-2018	
Microcontroller & Applications	2017-2018	Results awaiting
Sensors and Instrumentation	2017-2018	Results awaiting
Digital System Design using Verilog	2017-2018	Results awaiting
Control Systems and Modeling	2017-2018	Results awaiting
Automatic Process Control And Signal Conditioning Techniques	2017-2018	Results awaiting
Digital Signal Processing	2017-2018	Results awaiting
Mini Project	2017-2018	Results awaiting
Project Work	2017-2018	Results awaiting
Research Methodology	2017-2018	12
Project Management	2017-2018	12
Biomedical Image Processing	2017-2018	12
Minor Project	2017-2018	12
IoT for medical applications	2017-2018	11
Bio Materials & Artificial Organs	2017-2018	11
Major Project	2017-2018	11
PHYSICS	2017-2018	982
Engineering Physics		
Thin films and surface engineering	2017-2018	25
CHEMISTRY	2017-2018	567
Engineering Chemistry		
Technical Chemistry	2017-2018	40
Engineering Materials for Advanced Technology	2017-2018	21
Web Technologies	2017-2018	118

Computer Organization and Architecture	2017-2018	118
Advanced Data Base Systems	2017-2018	54
Operation Research	2017-2018	81
Research Methodology	2017-2018	135
1.3.2 Field Projects / Internships under taken during the year		
Project/Programme Title		No. of students enrolled for Field Projects / Internships
Electrical and Electronics Engineering		30
Master of Technology in Programme in Power Electronics		9
Computer Science and Engineering		118
Master of Technology in Computer Science and Engineering		10
Master of Technology in Computer Network and Engineering		9
Civil Engineering		3
Master of Technology in Structural Engineering		5
Maser of Technology in Highway Technology		5
Electronics and Communication Engineering		72
Chemical Engineering		3
Master of Technology in Chemical Engineering		6
Mechanical Engineering		29
Industrial Engineering and Management		44
Master of Engineering Management		2
Electronics and Instrumentation Engineering		22
Master of Technology in Bio Medical Signal Processing & Instrumentation		10
Master of Computer Applications		107
Aerospace Engineering		26
Information Science and Engineering		38
Information Technology		12
1.4 Feedback System		
1.4.1 Whether structured feedback received from all the stakeholders.		
1) Students	2) Teachers	3) Employers
		4) Alumni
		5) Parents

Yes	Yes	Yes	Yes	Yes
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)				
<p>The IQAC has been following a systematic approach to collect and analyse the student's feedback on all the aspects of overall development of the institution such as, teaching learning process, infrastructure, facilities, faculty etc., at regular intervals. Representatives from the Industry, Alumni, Students and Faculty are included as part of the Board of Studies (BOS), thereby ensuring to bridge the gap between Industry requirements and Academics. The inputs from all the stakeholders' are considered for all curricular revisions.</p> <p>Regular monitoring of the students for their regularity and learning by class teachers, counselors and respective HODs through counseling schedules. The attendance of the each student is being monitored before every Continuous Internal Evaluation (CIEs). Students who have scored less than 50% marks and having less than 75% of attendance were advised to attend remedial classes. Student academic reports are sent after every Continuous Internal Evaluation (CIE). During every semester, faculty were evaluated through student feedback to understand whether the teaching-learning process has been happening in the expected way so as to achieve the excellence in Teaching-Learning process. According the faculty are advised to attend various workshops/conferences/seminars/pedagogy trainings/faculty development programmes etc., based on the requirement. Parent-teacher meetings are held every semester to inform the parents regarding the progression of the students and during the academic year 2017-18. The institution has the Deans for Academics, Student affairs, PG studies to help the institution in creating student centric policies. Slow learners are identified and provided with remedial measures (remedial classes) and the fast learners were allowed to work in R&D and consultancy projects at departmental and college level.</p>				

CRITERION II -TEACHING-LEARNING AND EVALUATION			
2.1 Student Enrolment and Profile			
2.1. 1 Demand Ratio during the year			
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
UG			
Civil Engineering	120	Students are admitted through KEA, COMED K, and Management. Overall 2 lakh students appear for entrance test and within 8000-10000 rank students join the institution	118
Mechanical Engineering	120		120
Electrical & Electronics Engineering	60		59
Electronics & Communication Engineering	180		178
Industrial Engineering & Management	60		60
Electronics & Instrumentation Engineering	60		60
Chemical Engineering	40		40
Computer Science & Engineering	180		179
Telecommunication	60		59
Information Science & Engineering	60		59
Biotechnology	60		59
Aerospace Engineering	60		60
PG			
Structural Engineering	18	Students are admitted through GATE, PGCET, KMAT and Management. Overall 25000 students appear for entrance test and within 2000 rank students join the institution	18
Highway Technology	18		18
Product Design & Manufacturing	36		36
Computer Integrated & Manufacturing	18		13
Machine Design	18		17
Tool Engineering	18		10
Power Electronics	18		16
VLSI Design & Embedded Systems	36		36
Communication Systems	18		16
Master Of Engineering & Management	18		08
Bio Medical Processing Signal & Instrumentation	18		12
Chemical Engineering	18		12
Computer Science & Engineering	18		18
Computer Network Engineering	18		18
Digital Communication	36		35
Radio Frequency & Microwave Engineering	18		10
Software Engineering	18		18
Information Technology	18		18
Biotechnology	18		18
Bioinformatics	18		06

MCA		118+24		118+24	
2.2 Catering to Student Diversity					
2.2.1. Student - Full time teacher ratio (current year data)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2017-18	4259	986	291	93	384
2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
384	384	Smart boards Wi-Fi enabled class rooms, Wordpress, Screen-o-matic, youtubelinks, Desktops / Laptops, servers, wikispace web pages created by faculty, E-Journals, E-Books, E-learning Software (QuickLearn), Moodle, Flipped class room, NPTEL Videos, LCD Projector with Audio Video, Printer/Scanner/ Photocopier , Library Automation Software, LAN ,WAN and Wifi, High Computing facility, Physics study materials (such as notes, lab manuals, videos. .etc) provided through website (www.physicsrvce.wordpress.com)	130	18	Techniques: TPS,Problem solving, Active learning, Flipped Class room Power point presentations, NPTEL,MOODLE, video courses, CANVAS LMS for course delivery, E-learning Software (QuickLearn), Moodle, QEEE, Edusat E-resources 1.www.link.springer.com 2.http://ieeexplore.ieee.org/Xplore/home.jsp 3.http://www.sciencedirect.com/science/journals/a/full-text-access 4.http://ebooks.cambridge.org/ 5.http://is024.skillport.com 6.http://www.gartner.com/Knimbus.
2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)					
There is a strong mentoring/counselling system in the institution. There are on an average 200 faculty nominated as counsellors in various departments for the students. On an average there is one counsellor for every 20-24 students. Each counsellor interacts with the same set of students as they progress from 1st semester to 8th semester. The counsellors are assigned various responsibilities which include academic progress, dealing with student’s personal issues, interacting with other faculty and Head of the					

Department regarding their mentees performance, interacting with parent/ guardian etc. The counsellors maintain a file for each of their mentee in which all the details of the student are filed. The file contains registration forms of every semester, the personal information of the student, academic performance of the student, co-curricular & extra-curricular activities, copies of grade cards, correspondences with parents, anti-ragging affidavit etc.

In the timetable a slot has been provided for regular counselling of students. Further the counsellor will call a meeting to discuss the progress after every internals or before the final exam and appropriately guide them.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
UG : 4259 PG: 986	UG : 291 PG : 93	UG =1: 15 PG = 1 : 11

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
Refer table below			4 Assistant Professor	UG : 118 PG : 59 UG : 122 PG : 24 (pursuing)

For the Faculty student ratio of 1: 15

	Required			Available		
	Professors	Associate Professors	Assistant Professors	Professors	Associate Professors	Assistant Professors
UG	23	44	188	26	57	208
PG	22	27	36	25	25	43

Vacant positions

	Professors	Associate Professor	Assistant Professor
UG	Nil	Civil Engg. – 1 Aerospace – 2 (but visiting faculty are appointed)	E&I – 2 Chemical -1 CSE -1 BT -1 AS -1
PG	Nil	2	Nil

2.4.2 Honors and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognized bodies during the year)

Year of award	Name of full time teachers receiving awards	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Shobha G	Professor	International Research Scholarship Grace Hopper Award to attend Hudson, Texas, USA, For International Conference on 'Women in Computing', on Sept 24-28, 2018.
2018	Dr. Jasmine K S	Associate Professor	'Distinguished Woman in Science Award', Venus International foundation, Centre For Advanced Research and Design, Chennai on 3rd March 2018 at Chennai

2018	Dr M S Nagakumar	Professor	Dr Dombethar Govinda Theertha award for Research at National Conference for Research Scholars during 26-28 Apr. 2018, AMC College of Engg.
2018	Roopa J	Assistant prof	“Appreciation Award” (Patent Published)
2018	Jayanthi.P.N	Assistant prof	Best Paper Award, International conference on multidisciplinary Research(ICMRDR-18), Singapore.
2018	Dr. Pushpa Agrawal	Professor	Received ‘citation of honour’ for her extra ordinary services towards environment & academics, during the 9th International Congress of Environmental Research (ICER-18) at Amity University, Madhya Pradesh, on 08/02/2018.
2017	Mr. Manjunath A E	Assistant prof	Young scientist award from VGST
2017	Dr.M.UttaraKumari	Professor	Best Researcher Award, CTS, Bengaluru
2017	Dr. Shurshrutha K.S	Associate Prof	Young Researcher Award, CTS, Bengaluru
2017	Dr. Kariyappa B.S	Professor	Bharath Vikas Award, National Society on Diversity of culture and social environment, Bhubaneswar ,India .
2017	Mr. K. Badarinath	Professor	Best Conference Paper Award, International Conference on Innovative research in Science, Technology & Management held at NUS, Singapore on 16th & 17th Sep. 2017
2017	Namitha Palecha	Assistant prof	“Appreciation Award”(Book Published), RSST
2017	Dr. Radhakrishna	Professor	Secretary, Indian Concrete Institute Appointed as Panel Member for National Award, National Design and Research Forum, Institute of Engineers
2017	Dr. Anala M. R.	Associate Prof	Received Faculty Travel Award from HiPC 2017(One among 5 faculties in India)
2017	Dr. Lingayya Hiremath & Mr.Shivanandappa	Associate Prof & Assistant prof	“Best Project of the Year” Award (Engineering), Karnataka State Council Science and Technology (KSCST)
2017	Dr. Pushpa Agrawal	Professor	Asian Admirable Achievers Award , Rifacimento International, New Delhi.
2017	K.Gajalakshmi	Assistant prof	Best Paper Award , ANDALAS UNIVERSITY, INDONESIA
2017	Dr. K. Uma Rao	Professor	Outstanding Volunteer Award from IEEE PES, Bangalore
2017	Dr. S. G. Srivani	Associate Prof	Excellence Award for research RSST on jan 26 ,2017

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Program me Code	Programme name	Seme ster/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
CV	Civil Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
ME	Mechanical	I	23-12-17	29-12-17
		II	23-05-18	29-05-18

	Engineering	III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
EEE	Electrical & Electronics Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
ECE	Electronics & Communication Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
IEM	Industrial Engineering & Management	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
E&IE	Electronics & Instrumentation Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
CE	Chemical Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
CSE	Computer Science & Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
TE	Telecommunication	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18

ISE	Information Science & Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
BT	Biotechnology	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
AS	Aerospace Engineering	I	23-12-17	29-12-17
		II	23-05-18	29-05-18
		III	24-12-17	29-12-17
		IV	26-05-18	29-05-18
		V	21-12-17	30-12-17
		VI	25-05-18	29-05-18
		VII	21-12-17	30-12-17
		VIII	26-05-18	29-05-18
PG				
MST	Structural Engineering	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MHT	Highway Technology	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MPD	Product Design & Manufacturing	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MCM	Computer Integrated & Manufacturing	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MMD	Machine Design	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MTE	Tool Engineering	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MPE	Power Electronics	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MVE	VLSI Design & Embedded Systems	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MCS	Communication Systems	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018

MEM	Master Of Engineering & Management	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MBS	Bio Medical Processing Signal & Instrumentation	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MCH	Chemical Engineering	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MCE	Computer Science & Engineering	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MCN	Computer Network Engineering	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MDC	Digital Communication	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MRM	Radio Frequency & Microwave Engineering	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MSE	Software Engineering	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MIT	Information Technology	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MBT	Biotechnology	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MBI	Bioinformatics	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018
MCA	Master of Computer Applications	I	02-02-2018	12-02-2018
		II	23-06-2018	29-06-2018
		III	30-12-2017	08-01-2018
		IV	18-05-2018	22-06-2018

2.5.2 Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

****Do not include re-evaluation/ re-totalling***

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
0	UG – Nov Dec 2017 exam - 4847 UG -May – June 2018 exam - 4838 PG – Dec/Jan 2017/18 exam – 943 PG -May – June 2018 exam - 933	0 %

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

Program outcomes, Program specific outcomes of a program are communicated with students of UG and PG during the program orientation. All the teachers are made aware of the Program outcomes and Program specific outcomes once approved by Academic council. The Program outcomes and Program specific outcomes are made a part of website for dissemination.

Teachers take part actively in formulating the Course outcomes and mapping to Program outcomes and Program specific outcomes. Syllabus copies (Hard bound) will have Program outcomes, Program specific outcomes and course outcomes printed program wise. Every student is issued a copy of the same.

Discussion of Program outcomes, Program specific outcomes and course outcomes along with inter mapping is done by teacher in the introductory class of each course enabling the students to have proper understanding of the objectives to be attained.

The scheme and syllabus of all programs (both UG and PG) can be accessed using the link:-
<https://rvce.edu.in/rvce-scheme-syllabus>

2.6.2 Pass percentage of students

Program Code	Program name	Number of students appeared in the final Semester examination	Number of students passed in final Semester examination	Pass Percentage
CV	Civil Engineering	122	122	100
ME	Mechanical Engineering	142	142	100
EEE	Electrical & Electronics Engineering	67	67	100
ECE	Electronics & Communication Engineering	210	210	100
IEM	Industrial Engineering & Management	55	55	100
E&IE	Electronics & Instrumentation Engineering	61	61	100
CE	Chemical Engineering	43	43	100
CSE	Computer Science & Engineering	221	221	100
TE	Telecommunication	51	50	98
ISE	Information Science & Engineering	71	71	100
BT	Biotechnology	40	40	100

PG				
MST	Structural Engineering	17	15	88.23
MHT	Highway Technology	16	14	87.5
MPD	Product Design & Manufacturing	29	26	89.6
MCM	Computer Integrated & Manufacturing	12	12	100
MMD	Machine Design	14	12	85.7
MTE	Tool Engineering	6	2	33.33
MPE	Power Electronics	12	11	91.7
MVE	VLSI Design & Embedded Systems	31	31	100
MCS	Communication Systems	15	15	100
MEM	Master Of Engineering & Management	2	2	100
MBS	Bio Medical Processing Signal & Instrumentation	9	9	100
MCH	Chemical Engineering	12	12	100
MCE	Computer Science & Engineering	16	15	93.75
MCN	Computer Network Engineering	16	14	87.5
MDC	Digital Communication	26	26	100
MRM	Radio Frequency & Microwave Engineering	12	11	91.7
MSE	Software Engineering	19	18	94.7
MIT	Information Technology	18	18	100
MBT	Biotechnology	18	18	100
MBI	Bioinformatics	2	2	100
MCA	MCA	124	124	100

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

Results and details can be accessed using the link:- <https://rvce.edu.in//naac-docs>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION				
3.1 Promotion of Research and Facilities				
CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION				
3.1 Promotion of Research and Facilities				
3.1.1 The institution provides seed money to its teachers for research				
Yes, the details are as follows				
Name of the teacher getting seed money	The amount of seed money	Year of receiving grant	Duration of the grant	
Shanmuka N (For Team Krishi Project)	8000.00	2017	For procurement of tools and transportation	
Shanmuka N (For Team Krishi Project)	17.636.00	2017	For procurement of tools and transportation	
Shanmuka N (For Team Chimera Project)	70.923.00	2017	For procurement of tools and transportation	
Mahendra Kumar (Solar car)	3,357,354.00	2018	Travel to Australia for world solar car challenge (for 13 days)	
Shanmuka N (For Team Krishi Project)	6800.00	2018	For procurement of tools and transportation to Krishi mela	
Shanmuka N (For Team Krishi Project)	17,364.00	2018	For procurement of tools and transportation	
Shanmuka N (For Team HELIOS Project)	2,50,000.00	2018	Participation in SAE competition (for 3 days)	
Shanmuka N (For Team Krishi Project)	2,50,000.00	2018	Annual funds for one year	
Principal and ASHWA	2,50,000.00	2018	Annual funds for one year	
Principal and GARUDA	2,00,000.00	2018	Annual funds for one year	
Principal and Solar car	2,50,000.00	2018	Annual funds for one year	
P.Shanthi	3,800.00	2018	Paper publication	
Dr Trilokchandran B	53,468.00	2017	Completion of PhD	
Praveen Kumar Gupta	12,130.00	2017	Completion of PhD	
Praveen Kumar Gupta	8000.00	2017	Filing patent	
Rajeswari M	6000.00	2017	Pursuing PhD	
Shivananadappa	14,000.00	2017	Publication	
Dr. Ajeet Kumar Srivastava	9,450.00	2017	Completion of PhD	
Jyothi R	4,800	2017	Pursuing PhD	
Dr. K V Padmaja	1,07,875.00	2017	Presenting a paper in an International Conference Asilomar California , USA	
Umesh I M	15,000.00	2017	For paper Publication	
Dr. Nagashree N Rao	12,000.00	2017	To attend DBT Research project presentation, New Delhi for a day	
3.1.2 Teachers awarded National/International fellowship for advanced studies/ research during the year				
	Name of the teacher	Name of the Award	Date of Award	Awarding Agency

	awarded the fellowship			
National	Dr Bharatish A	Post Doctoral Fellowship	23.3.2017	IIT Chennai
International	Dr Vidya Niranjana	Short term foreign fellowship of Human resource development of health research	16-04-2018 Financial support for 1 month training in Prof Stephen D Bentley, Principal Scientist, Wellcome Trust Sanger Institute in the area of Genomics	Ministry of Health and family welfare (Department of Health Research Govt of India)

3.2 Resource Mobilization for Research				
3.2.1 Research funds sanctioned and received from various agencies, industry and other organisations				
Nature of the Project	Duration	Name of the funding Agency	Total grant Sanctioned in Rs	Amount received during the year(Rs)
Major projects				
1	3 years	DBT	29,97,000	16,50,000
2	3 years	NSTL-CARS	5,31,600	86,000
3	2 years	BPR&D, New Delhi	4,95,000	1,55,976
4	3 years	DST-SERB	18,40,960	9,20,000
5	2 years	AICTE	8,05,000	74,482
6	2 years	DRDO-AR&DB	21,35,000	----
7	3 years	NRB	3132000	3132000
8	3 years	AICTE - RPS	764706	753235
9	3 years	AICTE - RPS	1117647	1100882
10	3 years	AICTE - RPS	352941	347647
11	2 years	AICTE - MODROBS	800000	640000
12	2 years	AICTE - MODROBS	675000	540000
13	3 years	DBT	2427000	697000
14	2 years	NSTL, Vizag	9,88,000	169200
Minor Projects				
1	1 year	Dept. of Kannada & Culture GoK	1,00,000	1,00,000

Industry sponsored Projects				
1	1 year	Sai Sanket Joint Venture	6,71,600	6,71,600
2	1year	System Consultant Information India Pvt Ltd (SCII)	300000	300000
3	1 year	Zeroh	20,000	11,500
4	1 year	LexisNexis Risk Solutions	14,97,560	14,97,560
5	1 year	System Consultant Information India Pvt Ltd (SCII)	3,00,000	3,00,000
Projects sponsored by the University/ College				
1	6 months	RVCE	39,837.00	39,837.00
2	5 months	RVCE	28,901.00	28,901.00
3	5 months	RVCE	8,390.00	8,390.00
4	5 months	RVCE	7,200.00	7,200.00
5	5 months	RVCE	39,949.00	39,949.00
6	5 months	RVCE	60,294.00	60,294.00
7	5 months	RVCE	30,050.00	30,050.00
8	5 months	RVCE	9000.00	9000.00
9	5 months	RVCE	12,000.00	12,000.00
10	5 months	RVCE	6,750.00	6,750.00
11	5 months	RVCE	10,597.00	10,597.00
Students Research Projects (other than compulsory by the College)				
1	6 months	SPP: KSCST	7,500	7,500
2	6 months	SPP: KSCST	10,000	10,000
3	1 year	National Institute of Design- Ahmedabad	2,00,000	150000
4	3 years	DBT- JRF	10,77,096	3,59,032
International Projects				
1	5 years	CISCO	5 crores	1 crore
Any other(Specify)	---	---	---	---
Total			59859762.00	17320220.97
3.2.2 Number of ongoing research projects per teacher funded by government and non-government agencies during the years				

SI No	Project Name	PI & Co PI	Funding Agency	Sanctioned Year	Sanctioned Amount
1.	Genetic enhancement of mulberry by genomics approach: A multi component network project	Dr. Vidya Niranjana	DBT	2018	29,97,000
2.	Performance of underwater Torpedo shells under Hydrostatic loading by experimental and coupled analysis (Thermal & Hydrostatic pressure loading)	Dr. H.N. Narasimha Murthy PI, Dr. M. Krishna (ME), Mr. Gangadhar Angadi	NSTL-CARS	2018	5,31,600
3.	Error Analysis and Error Detection in Kannada Text	PI- Prof Rajashekara Murthy S Co PI- Dr. H V Kumaraswamy	Dept. of Kannada & Culture GoK	2018	1,00,000
4.	Analysis, Fabrication and Testing of Composite Battery Shell of Light weight Torpedo	Dr. H N Narasimha Murthy Dr. M Krishna Gangadhara Angadi	NSTL, Vishakhapatnam	2018	988,000
5.	Information Management Rights	Dr. Shobha, Dr. Anjan	ZeroH	2017	20,000
6.	Preparation of Oral Contraceptives for canines from Herbal extracts	Dr Nagashree N Rao Dr Ashwani sharma	SPP: KSCST	2018	7,500
7.	Production of Bacterial cellulose and Power generation through Enzymatic fuel cell formulation	Dr. Lingayya Hiremath	SPP: KSCST	2018	10,000
8.	MQTT Protocol support for ROXIE & Automated Data skew Profiler	Dr. Shobha G, Jyoti Shetty	LexisNexis Risk Solutions	2017-18	14,97,560
9.	Design of Horizontal Phoo Bioreactor and extraction of useful compounds from expired pharmaceutical drugs using Scenedesmusdimorphus Microalgae (SDP-17-1007-Satva Health Solutions Pvt. Ltd.)	Dr. Lingayya Hiremath Narendra Kumar S	National Institute of Design- Ahmedabad	2018	2,00,000
10	Simulation and Experimental Studies on Nanostructured Composite Thin Film Multi-Layer Coatings	Dr. Krupashankara	DST-SERB	2018	18,40,960
11	Development and Characterization of Graded Microstructure	Dr M S Krupashankara (PI) Dr Nataraj J R (Co-	DRDO-AR&DB	2018	21,35,000

	Disc using Induction Heat Treatment Processes for Turbine Application	PI) Dr K R Ramachandra (Co-PI)			
12	Investigation of Buckling Performance of Stiffened Polymer Composite Shells for Underwater Vehicle Applications	Dr. H.N. Narasimhamurthy (PI) Dr. M. Krishna - CoPI (ME)	NRB	2018	3132000
13	Assessment of SNP Variation in Silkworm (<i>Bombyx mori</i> L.) by RAD Sequencing and Genome-wide Association Mapping of Important Commercial Traits	Dr. Vidya Niranjana (BT)	DBT	2017	24,27,0000
14	NLP Project	Dr. Shobha G Dr. Deepamala N	System Consultant Information India Pvt Ltd (SCII)	2017	3,00,000
15	Development of Natural Fiber based oil adsorbent for commercial and industrial applications	Dr. Krupashankar (ME) – PI Dr Nagashree N Rao (Co-I)	AICTE - RPS	2017	764706
16	Microwave assisted sol-gel synthesis and characterization of metal oxide thin films	Dr. Krishna M (ME) – PI	AICTE - RPS	2017	1117647
17	Development of multifunctional electrospun nanofibrous composites for protective clothing	Dr. H.N. Narasimha Murthy (ME) - PI	AICTE - RPS	2017	352941
18	Modernization of Next generation Genomics Laboratory for PG and Research	Dr. Vidya Niranjana (BT) - PI Dr. Manjunath Reddy (BT) – Co-PI	AICTE - MODROBS	2017	800000
19	Modernization of energy conversion engineering laboratory with full-fledged engine test facility and modular diagnostic system	Dr. H.N. Narasimha Murthy (ME) – PI	AICTE - MODROBS	2017	675000
20	Smart Water Management system-project	Ms. Prapulla SB, Dr. Shobha G	SaiSanket Joint Venture	6,71,600	3,35,800

3.3 Innovation Ecosystem

3.3.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year 2017-18

Sl. No.	Title of Workshop/Seminar	Name of the Dept.	Date(s)
1	Educational tour (Environmental Systems of RVCE)	BT & CV	24-07-18

	organized for high school students of R.V. Public school.		
2	One week FDP on “Emerging Technologies in Short Range Wireless Communication”	TCE	02-07-18
3	3 days workshop on “STA, Analog design and universal verification methodology	ECE	29-06-18 to 01-07-18
4	Five days training program on Metrology and Measurement, Quality Control and Non Destructive labs	IEM	25-06-18 to 29-06-2018
5	Automation testing using selenium	ISE	26-06-18 to 27-6-18
6	Ham orientation workshop	ECE	26.05.2018
7	Two day workshop on ANN and Fuzzy logic -new technologies and implementation	EEE	12-04-18 to 13-04-18
8	2 Days workshop on Digital system Design for VERYLOG HDL Using Artix Board	E&IE	12-04-18 to 13-04-18
9	Field testing of independent hybrid tractor	ME	25-04-18 to 26-04-18
10	Seminar on “Computational Biology in the Industries Now” by Shiny Martis B, R @ INSA, Lyon, France	BT	19-03-18
11	Workshop on “LABVIEW and NI-USRP”	ECE	01-03-18 to 02-03-18
12	Ideathon on “Water management and sustainability for a rural geographic”	ECE	20-03-18
13	Three day workshop on “Power Quality on FACTS”	EEE	19-03-18 to 21-03-18
14	Three day workshop on “Power Quality on FACTS”	ISE	19-03-18 to 21-03-18
15	Workshop on Compu Music Technology (Resource Person: Prof. Chidambara Kalamamji)	ISE	06-03-18
16	Workshop on Best use out of Waste		08-03-18
17	Orientation Programme		10-03-18
18	WIDS @ RVCE, Global Conference on Women Data Science, Association with Stanford University		16-03-18
19	Technical Talk on Data Analytics- Industry Trends & career path in Healthcare. (Resource Person: Dr. Rajneesh Patil, Head, Process Design& Analytics IQVIA, United States.)		22-03-18
20	Design & Development of Real-time Application Using Microcontroller		09-03-18 to 11-03-18
21	Personality Development Courses (PDC) classes for 4 th Semester MCA students		05-03-18 to 07-03-18
22	IOT Application development	CISCO-RVCE	23-02-18 to 25-02-18
23	Workshop on "Machine Learning and Deep learning"	CSE & SAP India Pvt. Ltd.	15-02-18 to 16-02-18
24	Google Applied CS with Android Workshop	CSE	24-02-18 to 25-02-18
25	Workshop on "IBM Cloud"	CSE, RVCE	08-02-18
26	Workshop on "Cognitive Computing"	CSE, RVCE	22-02-18
27	CISCO – RVCE Embedded system	EEE,EIE, ECE	19-02-18 to 24-02-18
28	IDEATHON – ITSChief Guest: Mr. Darvin Pragash – Program Manager / Senior Scrum Master, Cisco. Guest of Honour: Mr. Abrar Basith – Founder, IndiTip LLP.	ITS team	09-02-18 to 10-02-18
29	Technical Talk on Importance of Software Engineering by Mr. Arun Kumar, WIPRO	ISE	09-02-18
30	Workshop on Android App development by Mrs. Sahana Muralidhara and Mr. Varun Gupta, BOSCH Ltd.	ISE	10-02-18
31	Workshop on Concepts, Tools & Applications in Machine Learning by Mrs. Sahana Muralidhara and Mr. Varun	ISE	14-02-18

	Gupta, BOSCH Ltd.		
32	Workshop on AR/VR	ISE	23-02-18 to 24-02-18
33	Personality Development Courses (PDC) classes for 4th Semester MCA students	MCA	26-02-18 to 28-02-18
34	Training Program on Intelligent Analytics under CISCO-RVCE CoE-IoT	MCA	10-02- 2018 to 25 -02- 2018
36	Text Processing and Analytics using R conducted under Computer Society of India, RVCE Chapter	MCA	17-02-18
37	IoT Application Development under CISCO-RVCE CoE-IoT at Shaik Engineering College, Belagavi	MCA	05-02-18 to 09-02-18
38	Training on “ Active RF/Microwave Circuit Design”	TCE	26-02-18 to 03-03-18
40	Investiture Ceremony & Tech-Talk by Mr. Sukumaran on “Process Safety” Chief Guest: Mr. Ram Kerur, President – ISA Bangalore Section.	EIE	14-02-18
41	IoT Application Development	CISCO-CoE-IoT	16-01-18 to 20-01-18
42	5 day workshop on “Recent Trends in LTE”	VTU & RVCE	29-01-18 to 02-02-18
43	Awareness programme on “Life Saving Skills” by Mr. Shakthy Shivakumar	ISE	05-01-18
44	Xceed Geekathon		06-01-18 to 07-01-18
45	Mock Interview		13-01-18
46	Expert talk on “Software Testing-An industry perspective”		16-01-18
47	Lecture on “Information Security: An industry perspective”		19-01-18
48	Workshop on “Network on Chip”	ECE	18-12-17 to 19-12-17
49	Workshop on Computer Organization and its interfaces	CSE	11-11-17
50	Industry 4.0 & servo Drives on training program in association with BOSCH REXROTH	EEE	11-11-17 to 12-11-17
51	Two days seminar on “Industrial Internet of things - Indian context”	IEM	10-11-17 to 11.11.17
52	Workshop on How to write Technical Paper and Report writing	ISE	21-11-17 to 28-11-17
53	Event on Career Development	ISE	02-11-17
54	Swachh Bharat Awareness Drive at Cubbon park, Bengaluru	ASCE Student Chapter, RVCE	14-10-17
55	One day Workshop on Non-destructive testing of Concrete (M Tech)	CV	17-10-17
56	Concrete Fair - 2017	CV	25-10-17 to 26-10-17
57	Workshop on elements of Computer Organization	CSE	29-10-17
58	Data Science and Machine Learning Essentials	CSE	28-10-17
59	IBM Workshop on Parallel and Distributed Databases	CSE	26-10-17
60	Placement preparation - Coding Workshop by Sridher Jeyachandran, Product Manager, Google	CSE	07-10-17
61	Android Application Development	TCE	14-10-17
62	Workshop on – “Software Testing Using Selenium – An Industry perspective” by Mr. Chetan Deshpande, Software Engineer & Mr. Venu Das, Sr. Team lead, Commvault, Bengaluru	MCA.	14-10-17
63	Technical talk on – “UML in Real world and Industry Applications” by Mr. Siddarth Shanbhogue, Sr Software Engineer, Cerner Technologies, Bengaluru	MCA	13-10-17
64	RVCE CISCO IoT CoE Hackathon	CSE	08-09-17 to 09-09-17

65	Modern Web development with MERN, Citrix		09-09-17
66	Workshop on Computer Organization, Seagate		09-09-17
67	Awareness Program on Data Science using R tool		26-09-17
68	Workshop on “Artificial Intelligence and Machine learning algorithms” Theory and Demo sessions along with hands on sessions by Mr. Parth Sharma, CEO of Knights Robo Corp.	ECE	09-09-17
69	IEEE AAC Hackathon	ECE	23-09-17
70	Cyber Forensic Tools Training	ISE	25-09-17 to 29-09-17
71	Workshop on Mean Stack Application was conducted by Mr. Sanjay Prasad and Mr. Rahul L, IQSolutions, Bengaluru,	MCA	23-09-17
72	Seminar on “change the way you approach higher education”	BT	23-08-17
73	One-day workshop on Concrete Mix Proportioning, by Er. Nagesh Puttaswamy, Regional Head (Technical), Ultratech Cement.	ICI & ASCE Student Chapter- RVCE & CV.	29-08-17
74	FDP on Advances in Computing Tools and Technology (ACCT 2017)	CSI & ISE- RVCE	11-08-17 to 12-08-17
75	Orientation program on Software Testing and Practices.	MCA	31-08-17
76	Orientation program on Computer Networks for (16MCA31) for 3 rd Semester MCA students		30-08-17
77	Orientation program on Content Management Systems (16MCA331) for 3 rd semester MCA students		29-08-17
78	Orientation program on Advanced Object Oriented Program (16MCA332) for 3 rd semester MCA students		29-08-17
79	Orientation program on Model View Controller (16MCA333) for 3 rd semester MCA students		29-08-17
80	Workshop on ASP .NET (13MCA53) for 5 th Semester students		12-08-17

3.3.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Teachers				
Data mining, Image Processing	Dr. Shobha G	International Research Scholarship Grace Hopper Award to attend Hudson, Texas, USA, For International Conference on ‘Women in Computing’,	Sept 24-28, 2018.	Research
Software Reuse	Dr. Jasmine K S	‘Distinguished Woman in Science Award’, Venus International foundation, Centre For Advanced Research and Design, Chennai	3rd March 2018	Research and Design
Soil stabilization For pavement construction	Dr M S Nagakumar	Dr Dombethar Govinda Theertha award for Research at National	during 26-28 Apr. 2018	Research

		Conference for Research Scholars, AMC College of Engg.		
Thin Film sensors for Biomedical application & gas sensors.	Roopa J	“Appreciation Award” (Patent Published)	2018	IPR
Channel estimation for MIMO	Jayanthi.P.N	Best Paper Award, International conference on multidisciplinary Research(ICMRDR-18), Singapore.	2018	Multidisciplinary Research
Environment & Academics	Dr. Pushpa Agrawal	Received ‘citation of honour’ for her extraordinary services towards environment & academics, during the 9th International Congress of Environmental Research (ICER-18) at Amity University, Madhya Pradesh,	08/02/2018.	Environment & Academics,
Context Aware computing, Android Mobile Computing	Mr. Manjunath A E	Young scientist award from VGST	2017	Research
Signal Processing	Dr.M.UttaraKumari	Best Researcher Award, CTS, Bengaluru	2017	Research
Antennas and Electromagnetics	Dr. Shurshrutha K.S	Young Researcher Award, CTS, Bengaluru	2017	Research
VLSI & Embedded Systems	Dr. Kariyappa B.S	Bharath Vikas Award, National Society on Diversity of culture and social environment, Bhubaneswar ,India	2017	Research
Embedded Systems	Mr. K. Badarinath	Best Conference Paper Award, International Conference on Innovative research in Science, Technology & Management held at NUS, Singapore	16th & 17th Sep. 2017	Research
VLSI Circuits Testing and Testability	Namitha Palecha	“Appreciation Award”(Book Published), RSST	2017	Research
Structural Engineering	Dr. Radhakrishna	Secretary, Indian Concrete Institute Appointed as Panel Member for National	2017	Research

		Award, National Design and Research Forum, Institute of Engineers		
Networks, Parallel Computing		Received Faculty Travel Award from HiPC 2017(
	Dr. Anala M. R.	One among 5 faculty in India)	2017	Research
Biofuel	Dr. Lingayya Hiremath & Mr.Shivanandappa	“Best Project of the Year” Award (Engineering), Karnataka State Council Science and Technology (KSCST)	2017	Research
Academics and research	Dr. Pushpa Agrawal	Asian Admirable Achievers Award , Rifacimento International, New Delhi.	2017	Research and Academics
RS and GIS	K.Gajalakshmi	Best Paper Award , Andalas University, INDONESIA	2017	Research
Power Systems, Power Quality and FACTS.	Dr. K. Uma Rao	Outstanding Volunteer Award from IEEE PES, Bangalore	2017	Research and Academics
Power System Protection and control	Dr. S. G. Srivani	Excellence Award for research RSST on jan 26 ,2017	2017	Research
Students				
FIRST Prize Synthesis and Characterization of Phenol Based Polymeric Resin, Extracted from Cashew Nut Shell Liquid Oil for Industrial Applications	Mr Bishak Roy Project guided by Dr. M S Krupashankara, Professor, Dept. of Mechanical Engineering and Dr. Shamaan M P, Assistant Professor, Department of Chemistry	Karnataka State Council for Science and Technology – Student Project Program –2017	2017	Innovation
3.3.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name		Sponsored by	
1	Innovation and Entrepreneurial Development		Rashtreeya Sikshana Samithi Trust (R.S.S.T), R.V. Educational Institutions	
Name of the Start-up		Nature of Start-up		Date of commencement
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3.4 Research Publications and Awards				
3.4.1 Ph. Ds awarded during the year				

Name of the Department	No. of Ph.D's Awarded
Biotechnology	5
Chemical Engineering	1
Civil Engineering	2
Mechanical Engg	3
Information Science Engineering	3
Computer Science Engineering	4
Chemistry	1
Electronics and communication	4
Master in Computer Application	2

3.4.2 Research Publications in the Journals notified on UGC website during the year

	Department	No. of Publication	Average Impact Factor, if any
National	-	-	-
International	AS	04	3.51
	BT	12	3.46
	CH	00	--
	CS	15	4.8
	CV	14	3.54
	EI	09	1.48
	ECE	02	0.91
	EEE	05	1.7
	ISE	02	0.6
	IEM	09	1.4
	ME	16	2.4
	CHEMISTR Y	06	1.2
	PHYSICS	02	0.8
	MATHS	02	0.4
	MCA	03	0.8
	TCE	01	0.4

3.4.3 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
CV	03
CS	25
BT	09
PHYSICS	02
ME	18
EEE	08
ECE	18
EIE	09

3.4.4 Patents published/awarded during the year

Patent Details	Patent status Published/ Filed	Patent Number	Date of Award
Dr Neeta Shivakumar & Dr Pushpa Agrawal, Bioactive Thin Films for Food Packaging	Filed	201741044070	---

Dr. M.S Nagakumar et.al. Stabilization of the Earth for Construction with a Stabilizer	Filed	201741039721	---
Prof. K. Raghavan , A Portable Centre Stand for a two wheeled vehicle	Filed	201741041367	---
Dr Shanmukha N & Dr Sridhar R Tractor Mounted Aerial Work Platform for Areca nut Farming	Filed	201741032708	---
Dr M A Lourdu Antony Raj, Anupama V Joshi, Nivedha R M, Manasvi Paradkar, Aishwarya Pantula Municipal Solid Waste Segregator for Separation of Non - Bio degradables from Biodegradable Solid Waste	Filed	201741030082	---

3.4.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Structural behavior of non-prismatic mono-symmetric beam	Nandini B, Nagaraju, Punya D Gowda, Aishwarya, Benjamin Rohit	IOP Conf. Series: Materials Science and Engineering (IConMMEE 2018)	2018	0	Rashtreeya Vidyalaya College of Engineering	---
Understanding boundary layer suction and its effect on wings - A review	Ravindra S Kulkarni Benjamin Rohit Vignesh Lokanatha Chandrasekhar Lokesh	IOP Conf. Series: Materials Science and Engineering (IConMME E 2018)	2018	0	Rashtreeya Vidyalaya College of Engineering	
Extraction of phytochemicals from eucalyptus sp and withania somnifera and their biological testing	Praveen Kumar Gupta, Priyanka V, Lingayya Hiremat, S Narendra Kumar, Ajeet kumar Srivastava	American Journal of Microbial Research. Vol 6.4- 115-123	2018	0	Rashtreeya Vidyalaya College of Engineering	2

Cloud Based Solutions for Genome Informatics: Challenges and Applications	Akshatha Prasanna R Poojaa , Suchithraa Akhil Ravikumara Vidya Niranjana	Material Today Proceedings Vol 5.4-10652-10659	2018	0	Rashtreeya Vidyalaya College of Engineering	7
Curing of Natural Rubber/Polyvinyl Alcohol Blends Using Glutaraldehyde	Nussana Lehman, Piyarat Judklaing, Ladawan Songtipy MP Sham Aan, Jobish Johns	Materials Today Proceedings Vol 5.7-15115-15119	2018	0	Rashtreeya Vidyalaya College of Engineering	1
Effect of hydrogen bonding on fluorescence quenching of quinolin-8-ol-analysis using negative stern-volmer plots	R Melavanki, Bhavya, R Kusanur, LR Naik	International Journal of Life Science and Pharma Research Vol 8.3-26-23	2018	0	Rashtreeya Vidyalaya College of Engineering	10
Performance Evaluation of PPG based multimodal biometric system using modified Min-Max Normalization	Prof. Girish Rao Salanke N.S	IJAER Vol 3-11276-11284	2018	0	Rashtreeya Vidyalaya College of Engineering	--
Continuous Quality Improvement Studies in a Gypsum Board Manufacturing Unit - A Case Analysis	Rajeswara Rao, K.V.S., Ramaa A., N. S. Narahari	Asian Journal of Management Vol 9.02-947-953	2018	0	Rashtreeya Vidyalaya College of Engineering	1
Simulation of Kanban System in an Automobile Component Manufacturing Organization - A Case Study	Shobha. N.S, Dr. Subramanya K.N	International Journal of Lean Thinking Vol 9.1-1-12	2018	0	Rashtreeya Vidyalaya College of Engineering	2

Steps involved while introducing a new product into a healthcare organization	Dr B W Shivaraj	IEEE Vol 4- 180 - 184	2018	0	Rashtreeya Vidyalaya College of Engineering	--
Analysis of fir tree root of Aero Engine Disassembly for simultaneous optimization of fretting characteristic	Dr Bharatish A	Journal of Institutions of Engineers – Series C	2018	0	Rashtreeya Vidyalaya College of Engineering	2
Effect of viscosity and dielectric constant variation on fractional fluorescence quenching analysis of coumarin dye in binary solvent mixtures	Dr. Raviraj Kusanur	Luminescence June- 2018 1-7	2018	2	Rashtreeya Vidyalaya College of Engineering	10
Detection of Low Concentration Ammonia Gas Using Diphenyl-amine Based Conjugated Polymer Sensors	Dr. Vishnumurthy K A and Dr. K Natarajan	Sensor Letters 16- 1-7	2018	0	Rashtreeya Vidyalaya College of Engineering	6
Evaluation of Microfine Stone Dust as Filler Material in Binary and Ternary Blends	Dr. Radhakrishna	Iran J Sci Technol Trans Civ Eng Vol 7.4- 1-4	2018	0	Rashtreeya Vidyalaya College of Engineering	3
Carbon Electroluminescence- An Organic Approach to	Lokeshwari M	AIP Conference Proceedings Vol. 1966.1-	2018	0	Rashtreeya Vidyalaya College of Engineering	1

Lighting.		190-198				
Peak flood estimation along southern coast , Kerala, India	Lokeshwari M and Vikas Mendi	Asian and Pacific Coasts 2017 Proceedings of 9 th International Conference on APAC 2017 Vol 1.1-175-186	2018	0	Rashtreeya Vidyalaya College of Engineering	1
Estimation of Potential Tidal energy along the west coast of India	Vikas M	Asian and Pacific Coasts 2017 Proceedings of 9 th International Conference on APAC 2017 Vol 1.1-343-355	2018	0	Rashtreeya Vidyalaya College of Engineering	--
K-Anonymity Versus L-Diversity: A Comparative Analysis on Data Anonymization Techniques	Dr. Sowmyarani C.N	International Journal of Engineering and Technology Vol. 7, No 3.4-24-27	2018	0	Rashtreeya Vidyalaya College of Engineering	--
Enhancing Security of Electronic Patient Record Using Watermarking Technique	Padmaja.K.V, Vidya.M.J	Elsevier Vol 5.4-10660–10664	2018	0	Rashtreeya Vidyalaya College of Engineering	--
Review on segmentation of exudates and microaneurysms for early detection of Diabetic retinopathy	Deepashree Devaraj, Dr. S. C. Prasanna Kumar, Suma R	Elsevier Vol 5.4-10845-10850r	2018	0	Rashtreeya Vidyalaya College of Engineering	--

Statistical Investigation of Tool Geometry for Minimization of Cutting Force in Turning of Hardened Steel	Dr. S K Harisha, Dr. Rajkumar Vikas Pawar Keshav M Kesha Kesh	Materials Today	2018	0	Rashtreeya Vidyalaya College of Engineering	1
Antibacterial activity and flame retardant properities of Ag-MgO/nylon 6 Electrospun nanofibers for protective applications	V Mamtha Dr H N Narasimha Murthy Anand Gaikwad, Sham Aan M P Sridhar R A R Phani	Clothing and textile research journal - SAGE	2018	0	Rashtreeya Vidyalaya College of Engineering	13
Synthesis and characterization of Polyvinylpyrrolidone (PVP) Nanofibrous Thin Films	V Amith R Sridhar Gangadhar Angadi Dr H N Narasimha Murthy	IOP Conference 3 Series: Materials Science and Engineering	2018	0	Rashtreeya Vidyalaya College of Engineering	13
Simulation of Epoxy/Cloiste-15a Multifunctional Nanocomposites using Twin Screw Extruders	Gangadhar Angadi Dr H N Narasimhamurthy R Sridhar N Raghavendra Salim Firdosh	Materials Today: Proceeding	2018	0	Rashtreeya Vidyalaya College of Engineering	13
Development and Characterization of PVDF Thin Films for pressure sensors	Roopa T S Dr H N Narasimhamurthy Gangadhar Angadi Harish D V	Materials Today: Proceeding	2018	0	Rashtreeya Vidyalaya College of Engineering	13
Study of Electrospun fiber diameter using ANSOFT and	V Mamtha Dr H N Narasimha Murthy Sham Aan M P	Materials Today: Proceeding	2018	0	Rashtreeya Vidyalaya College of Engineering	13

ANSYS	Sridhar R A R Phani					
Statistical Investigation of Tool Geometry for Minimization of Cutting Force in Turning of Hardened Steel	S K Harish G R Rajkumar Vikas Pawar Keshav M	Materials Today: Proceeding	2018	0	Rashtreeya Vidyalaya College of Engineering	1
State of Art in Femtosecond Laser Surface Texturing of Metals and Non-metals.	Dr Bharatish A	Laser in Materials and Manufacturing	2018	0	Rashtreeya Vidyalaya College of Engineering	2
Optimization of Sputtered AZO Thin Films for Device Application	T.K.Subramanyam	ELSEVIER, Materials Today Proceedings, 2018	2018	0	Rashtreeya Vidyalaya College of Engineering	12
Cloud based solutions for genome informatics: challenges & application	Dr. Vidya Nijranjan	Materials today: proceedings	2018	0	Rashtreeya Vidyalaya College of Engineering	7
Optimization of Heterogeneous Non Lane Based Traffic at Signalized Intersection using VISSIM	Sunil S	Journal of Transportation Engineering & its Applications	2018	0	Rashtreeya Vidyalaya College of Engineering	0
“Audio Replay Attack Detection in Automated Speaker Verification”	Dr. Rajashree Shettar	International Journal of Computer Applications	2018	0	Rashtreeya Vidyalaya College of Engineering	3
Intelligent download mechanism for non-downloaded content	Dr. Nagaraja G. S.	International Journal of Latest Trends in Engineering & Technology	2018	0	Rashtreeya Vidyalaya College of Engineering	--

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Effective resistance calculation and automated solution for fixing reliability verification violations	Dr. N. Shylashree	Microsystem Technologies - Springer	2018	0	Rashtreeya Vidyalaya College of Engineering	5
Interactive Graphical User Interface (GUI) for Wind Speed Prediction Using Wavelet and Artificial Neural Network	Prema V, Uma Rao K	Journal of The Institution of Engineers (India): Series B, Springer Publication	2018	0	Rashtreeya Vidyalaya College of Engineering	5
A review of kanban based Manufacturing systems	Shobha NS, Dr. KN Subramanya	International Journal of research and scientific Innovation	2018	0	Rashtreeya Vidyalaya College of Engineering	5
Design of mixed truck system with Milk run pick up and single hub cross docking distribution a case study	Shobha NS, Dr. KN Subramanya	Asian journal of Management	2018	0	Rashtreeya Vidyalaya College of Engineering	5
Supplier selection Model using Game theoretical Approach	Dr Nagabushan SV & Dr. KN Subramanya	Global Journal of Computer Science and Technology	2018	0	Rashtreeya Vidyalaya College of Engineering	2
Design and simulation of estrogen hormone detection sensor	Tabitha Janumala, Mahesh Bani, Dr. Prassanna Kumar S C	International Journal for Research Trends and Innovation	2018	0	Rashtreeya Vidyalaya College of Engineering	--
Brain Tumour Extraction using	Dr. Anand Jatti, Mrs.G. Bala Maalinii	ELSEVIER	2018	0	Rashtreeya Vidyalaya College of	--

Morphological Reconstruction and Thresholding					Engineering	
<u>A role of solvent polarity on bimolecular quenching reactions of 3-acetyl-7-(diethylamino)-2H-chromen-2-one in binary solvent mixtures</u>	Dr. Raviraj Kusanur	Journal of Molecular Liquids	2018	0	Rashtreeya Vidyalaya College of Engineering	10
Environmental Assessment and Management Plan For Setting Up Of An Industry - A Case Study.	Dr M S Nagakumar, Dr Jayanthi N and Narendrakumar S	International Journal of Advanced Research	2018	0	Rashtreeya Vidyalaya College of Engineering	--
Image Denoising And Segmentation Approach to Detect Tumor From Brain MRI Images	Dr. Shanta Rangaswamy	Journal of Soft Computing and Applications	2018	0	Rashtreeya Vidyalaya College of Engineering	2
Latency and throughput analysis of a pipelined GDI ripple carry adder	Dr.Shylashree N	International Journal of Engineering & Technology	2018	0	Rashtreeya Vidyalaya College of Engineering	1
Automata Approach to Reduce Power Consumption in Smart grid Cloud Data Center	Dr.S.G. Srivani	Cognitive Computing & Information Processing	2018	0	Rashtreeya Vidyalaya College of Engineering	4
Anomaly Detection in Log Records	Dr. Shobha G	Indonesian Journal of Electrical	2017	0	Rashtreeya Vidyalaya College of	5

		Engineering and Computer Science			Engineering	
Origination system to scrutinize loan applications	Dr. Nagaraja G.S	International Journal of Engineering Research & Technology	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Anomaly Detection in Log Records	Dr. Poonam G.	Indonesian Journal of Electrical Engineering and Computer Science	2017	0	Rashtreeya Vidyalaya College of Engineering	2
Mobile Agent Data Security using Triple Data Encryption Standard	Prof. Prapulla S.B	International Journal of Applied Engineering Research	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Microwave assisted extraction of oil from pongamia pinnata seeds	Chandra Kumar R	Materials Today Proceedings	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Chemi – Capacitive Gas Sensors Based on Tio ₂ and Batio ₃ Nano tube, Arrays	Dr. Manmadha Rao. B	Sensor Letters	2017	0	Rashtreeya Vidyalaya College of Engineering	--
A Noval Approach for Long Term Solar Radiation Prediction	Dr. N.K. Srinath	ICTACT Journal on Soft Computing	2017	0	Rashtreeya Vidyalaya College of Engineering	3
Self-Healing Software Defined networks	Dr. Nagaraja G. S.	International Journal of Trend in Research and Development	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Analysis and	Hemalatha J N	International	2017	0	Rashtreeya	--

Evaluation of Performance Parameters of Modified Single Ended Primary Inductance Converter		I Journal of Power Electronics and Drive System (JPEDS)			Vidyalaya College of Engineering	
Effect of deposition time on structural, electrical and optical properties of Aluminum doped ZnO thin films by RF magnetron sputtering	Shivaraj BW	Materials Today- Elsevier	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Crystal structure of (E)-2-(furan-2-ylmethylidene)-2,3,4,9-tetrahydro-1H-carbazol-1-one	Dr. Sridharan M	Acta Cryst	2017	0	Rashtreeya Vidyalaya College of Engineering	6
Strength of Brick Masonry in India	S. M. Basutkar, M. V. Renuka Devi and K. S. Jagadish	Journal of Structural Engineers World Congress	2017	0	Rashtreeya Vidyalaya College of Engineering	2
Structural health monitoring through non-destructive evaluation	Lokeshwari M, Karthik Shastry	International journal of Engineering Research in Mechanical and Civil Engineering	2017	0	Rashtreeya Vidyalaya College of Engineering	1
Ground Water Prospect mapping in Upper Chaitravathi watershed using Geospatial	K.Gajalakshmi Dr.Anantharam a.V	World Journal of Technology, Engineering & Research	2017	0	Rashtreeya Vidyalaya College of Engineering	2

Techniques.						
Protection Challenges under Bulk Penetration of Renewable Energy Resources in Power Systems: A Review	Dr. S.G. Srivani	IEEE-CSEE Journal of Power and Energy Systems	2017	0	Rashtreeya Vidyalaya College of Engineering	2
A Secure Data Aggregation Technique for Wireless Sensor Networks Using Iterative Filtering	Dr.Nagaraj G Cholli	Indonesian Journal of Electrical Engineering and Computer Science	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Memory Management Schemes in High Performance Mobile Devices	Merin Meleet	Journal of Information and Communication Technology	2017	0	Rashtreeya Vidyalaya College of Engineering	--
“Gamma radiation-assisted diffusion of AU nanoparticles in nanocavities of Poly carbonate: nano - Structural & surface properties”	Dr.Ramya. P	Material Research express	2017	0	Rashtreeya Vidyalaya College of Engineering	--
“Synthesis and crystal structure studies of 3,3-bis (methylthio)-1-[4-(trifluoromethyl) phenyl] prop-2-en-1-	Dr.T.Bhuvaneswara Babu.	Journal of Applied Chemistry	2017	0	Rashtreeya Vidyalaya College of Engineering	--

one and 3,3-bis(methylthio)-1-(thiophen-2-yl) prop-2-en-1-one derivatives.						
“Green liquor pretreatment for the enhancement of enzymatic saccharification of rice husk for ethanol production”	Dr. Ajeet Kumar Srivastava Dr. A V Narayan Praveen Kumar Gupta Dr. Lingayya Hiremath Narendra Kumar S.	International Journal of Advanced Research	2017	0	Rashtreeya Vidyalaya College of Engineering	6
Industrial Purification Strategies for Monoclonal Antibodies	Narendra Kumar S. Dr. Ajeet Kumar Srivastava Praveen Kumar Gupta Dr. Lingayya Hiremath	Research Journal of Pharmacy and Technology	2017	0	Rashtreeya Vidyalaya College of Engineering	==
Hydro geomorphology Based Land-Use Planning For Sustainable Development of Hard Rock Terrain Region of Karnataka	K.Gajalakshmi Dr. Anantharama.V	International Journal of Civil Engg. & Tech. (IJCIET)	2017	0	Rashtreeya Vidyalaya College of Engineering	2
Network Traffic Simulator from Real Time Captured Packets	Dr. Deepamala N	IJAER	2017	0	Rashtreeya Vidyalaya College of Engineering	1
Effect of Microfines on the Mechanical Properties of Cement Mortar and	Dr. Radhakrishna	Jordan Journal of Civil Engineering	2017	0	Rashtreeya Vidyalaya College of Engineering	3

Concrete						
Experimental analysis of utilization of Shahabad stone waste in concrete	Shrithi S Badami	Indian Concrete Journal	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Role of Soft Computing Techniques in Fault Detection of Switches in Multilevel Inverter	Dr.S G Srivani	International Journal of Pure and Applied Mathematics	2017	0	Rashtreeya Vidyalaya College of Engineering	2
Reliable Session Initiation Protocol (RSIP) signaling with UDP transport using piggybacking method	Usha J	Telecommunication Systems, Modelling, Analysis, Design and Management	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Experimental Studies on strength behaviour of notched glass/epoxy laminated composites under uniaxial and biaxial loading.	Jagannatha Guptha V L & Ramesh S Sharma	Institution of Engineers (INDIA) - Series C	2017	0	Rashtreeya Vidyalaya College of Engineering	3
Evaluation of tensile, modal and fracture properties of Jute/Epoxy natural composites with addition of SiO ₂ as filler material.	Ramesh S Sharma	Materials Today: Elsevier Publication	2017	0	Rashtreeya Vidyalaya College of Engineering	3
Solvent-based delignification of Rice straw for efficient enzymatic	Dr. Ajeet Kumar Srivastava, Dr A V Narayan,	International Journal of Innovative Research in Science	2017	0	Rashtreeya Vidyalaya College of Engineering	2

hydrolysis of cellulose and Bioethanol Production	Praveen Kumar Gupta, Dr Lingayya Hiremath, and Narendra Kumar S	Engineering and Technology				
Novelty of Data mining technique for Bioinformatics approach	Dr. Pushpa Agrawal	Journal of Environmental Research and Development	2017	0	Rashtreeya Vidyalaya College of Engineering	5
2-Hydroxy-4-Methoxybenzaldehyde, an astounding food flavoring metabolite: a review	Neelima Rathi, Keerthana Harwalkar, Jayashree V, Ashwani Sharma and Nagashree N Rao	Asian Journal of Pharmaceutical and Clinical research	2017	0	Rashtreeya Vidyalaya College of Engineering	4
Split Tensile Strength of Brick Masonry	K. Madhavi M.V. Renuka Devi K. S. Jagadish	International Journal of Civil Engineering	2017	0	Rashtreeya Vidyalaya College of Engineering	2
Prioritization, Characterization and Geospatial location of river training structures for Vrishabhavathi river using GIS techniques	K. Gajalakshmi Ashwin M Joshi Sneha A R	Journal of Remote Sensing and GIS (JoRSS)	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Transfer Learning on Pre-trained Deep Convolutional Neural Network for Classification of Masses in Mammograms	Dr. Rajashree Shettar	IOSR Journal of Computer Engineering (IOSR-JCE)	2017	0	Rashtreeya Vidyalaya College of Engineering	3
Model order reduction of Bolting and Feasibility	Benjamin Rohit	International Journal of Mechanical and	2017	0	Rashtreeya Vidyalaya College of Engineering	--

Evaluation		Production Engineerin g Research & Developme nt				
Concentration of lead and cadmium in common vegetables consumed in Bangalore and the health effects	Narendra Kumar S	Internationa l Journal of Advanced Research	2017	0	Rashtreeya Vidyalaya College of Engineering	--
FPGA Implementatio n of Multiplier-less FIR Filter to Handle Higher Frequency Signals	Srividya P	Journal of VLSI Design Tools & Technology	2017	0	Rashtreeya Vidyalaya College of Engineering	--
A Study on Implementatio n of Intelligent Transport System to Bus Rapid Transit System (BRTS), Bengaluru - A Framework To Improve Present Public Transport	Mr. Prashant. V Dr. N.S. Narahari	Internationa l Journal of New Technology and Research	2017	0	Rashtreeya Vidyalaya College of Engineering	2
A Case Study on Establishing Lean Practices through Value Stream Mapping	Dr C K Nagendra Guptha	Internationa l Journal of Advance Research in Science and Engineerin g	2017	0	Rashtreeya Vidyalaya College of Engineering	--
A Study of Bullwhip Effect and its Impact on Information Flow in Cloud	Dr. K.N. Subramanya	The IUP Journal of Supply Chain Manageme nt	2017	0	Rashtreeya Vidyalaya College of Engineering	2

Supply Chain Network						
Software aging forecasting using Time Series Model	Dr G N Srinivasan	Indonesian Journal of Electrical Engineering and Computer Science	2017	0	Rashtreeya Vidyalaya College of Engineering	--
"Realization of IoT Solution for Smart Agri and ITS using Cloud"	Dr. M.N. Vijayalakshmi Dr. Andhe Dharani, Mr. Narasimha Swamy S	International Journal of Advanced Engineering and Technology	2017	0	Rashtreeya Vidyalaya College of Engineering	2
"A Framework for Energy Management in Smart City through Internet of Things"	Dr. Ashwini KB Mr. Prashanth K	International Journal of Research in Engineering and Applied Sciences(IJ REAS)	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Detection of Rheumatic Arthritis Disease Based on Genomic Analysis by Applying Wavelet transform	Dr. Vidya Niranjana	Journal of signal Processing	2017	0	Rashtreeya Vidyalaya College of Engineering	7
Production of biodiesel from lipase mediated trans-Estrification by reducing Free Fatty acid content of algal Oil produced from Botryococcus Braunii,	Dr. Pushpa Agrawal	Pollution Research	2017	0	Rashtreeya Vidyalaya College of Engineering	5
An Empirical Performance Evaluation of Docker Container, Openstack	Dr. Shobha G Prof. Jyoti Shetty	IJEECE	2017	0	Rashtreeya Vidyalaya College of Engineering	5

Virtual Machine and Bare Metal Server						
Reliable Multicast Clustering Approach Based on K-Means Method for Wireless Sensor Networks	Dr. Nagaraja G. S.	JIECE	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Enhancement and Segmentation of Ancient characters using Graph cuts Labelling	Dr. Vinay Hegde	IJRCE	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Blood Donor App: A Small Step to Save the Life	Chandrani Chakravorty, Puneet Krishna, Vinayak Rudrapuri, Sujit S S Dr. Usha J	IJETMAS ISSN 2349-4476	2017	0	Rashtreeya Vidyalaya College of Engineering	--
An Empirical Study: Data Analytics Fosters Health Care Data Management And Its Outcomes	Saravanan C Savita Sheelavant	IJRAS ISSN: 2394 - 4404	2017	0	Rashtreeya Vidyalaya College of Engineering	--
Tangential stress factor computation in point mounted structural glass	Benjamin Rohit	IJCET	2017	0	Rashtreeya Vidyalaya College of Engineering	--

3.4.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
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A role of solvent polarity on bimolecular quenching reactions of 3-acetyl-7-(diethylamino)-2H-chromen-2-one in binary solvent mixtures	Koppal, V.V., Melavanki, R.M., Kusanur, R.A., Bhavya, P., Patil, N.R.	Journal of molecular liquids	2018	2	2	Rashtreeya Vidyalaya College of Engineering
Effect of viscosity and dielectric constant variation on fractional fluorescence quenching analysis of coumarin dye in binary solvent mixtures	Bhavya, P., Melavanki, R., Kusanur, R., (...), Muttannavar, V.T., Naik, L.R.	Luminescence	2018	2	2	Rashtreeya Vidyalaya College of Engineering
Bimolecular fluorescence quenching reactions of the biologically active coumarin composite 2-acetyl-3H-benzo[f]chromen-3-one in different solvents	Koppal, V.V., Melavanki, R.M., Kusanur, R.A., Patil, N.R.	Luminescence	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Understanding fluorescence resonance energy transfer between biologically active coumarin derivative and silver nanoparticles using steady state and time resolved	Koppal, V.V., Melavanki, R.M., Kusanur, R.A., Patil, N.R.	Journal of Molecular Liquids	2018	2	2	Rashtreeya Vidyalaya College of Engineering

spectroscopic methods						
Elimination of quenching defects by facile anion doping in CdSiO ₃ synthesized by green fuel assisted combustion method	Shivakumara, J., Chikkahannumantharayappa, Ashoka, S., (...), Nagabhusana, B.M., Nagaraju, G.	Optik	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Mechanical and thermal properties of carbon black reinforced natural rubber/polyvinyl alcohol fully-interpenetrating polymer networks	Rao, S., Devi, S.N.S., Johns, A., (...), Sham Aan, M.P., Johns, J.	Journal of Vinyl and Additive Technology	2018	2	2	Rashtreeya Vidyalaya College of Engineering
Crystal structure of (E)-2-(furan-2-ylmethylidene)-2,3,4,9-tetrahydro-1H-carbazol-1-one	Thiruvalluvar, A., Sridharan, M., Rajendra Prasad, K.J., Zeller, M.	Acta Crystallographica Section E: Crystallographic Communications	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Synthesis of polyaniline/MWCNTs by interfacial polymerization for superior hybrid supercapacitance performance	Prasanna, B.P., Avadhani, D.N., Chaitra, K., Nagaraju, N., Kathyayini, N.	Journal of Polymer Research	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Optimization of sputtered AZO thin films for device application	Subramanyam, T.K., Goutham, P., Pavan Kumar, S.,	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering

	Yadhuraj, S.R., Geetha, K.S.					
Effect of deposition time on structural, electrical and optical properties of Aluminium doped ZnO thin films by RF magnetron sputtering	Tondare, R.S., Shivaraj, B.W., Narasimham urthy, H.N., Krishna, M., Subramanyam, T.K.	Materials Today: Proceedings	2018	2	2	Rashtreeya Vidyalaya College of Engineering
Gamma radiation-assisted diffusion of Au nanoparticles in nanocavities of polycarbonate: Nano-structural and surface properties	Hareesh, K., Sunitha, D.V., Ramya, P., (...), Dhole, S.D., Sanjeev, G.	Journal of Molecular Liquids	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Game Theoretic Approach for Selection of Retailers in B2B E-Commerce	Mubeen, S., Subramanya, K.N., Srinath, N.K.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Antibacterial and Flame Retardant Properties of Ag-MgO/Nylon 6 Electrospun Nanofibers for Protective Applications	Venkatram, M., Narasimha Murthy, H.N.R., Gaikwad, A., (...), Ramakrishna, S., Ayalasomayajula Ratna, P.	Clothing and Textiles Research Journal	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Effect of MWCNTs on piezoelectric and	Nandini, R.N., Krishna, M., Suresh, A.V.,	Materials Science and Engineering B: Solid-State	2018	0	0	Rashtreeya Vidyalaya College of Engineering

ferroelectric properties of KNN composites	Narasimha Murthy, H.N.	Materials for Advanced Technology				
Effect of chopped/continuous fiber, coupling agent and fiber ratio on the mechanical properties of injection-molded jute/polypropylene composites	Pailoor, S., Murthy, H.N.N., Hadimani, P., Sreenivasa, T.N.	Journal of Natural Fibers	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Investigation of effect of CO2 laser parameters on drilling characteristics of rocks encountered during mining	Bharatish, A., Kishore Kumar, B., Rajath, R., Narasimha Murthy, H.N.	Journal of King Saud University - Engineering Sciences	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Investigation of water absorption characteristics of nano-gelcoat for marine application.	Firdosh, S., Narasimha Murthy, H.N., Angadi, G., Raghavendra, N.	Progress in Organic Coatings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Effect of graphene oxide nano filler on dynamic behaviour of GFRP composites	Pujar, N.V., Nanjundaradhya, N.V., Sharma, R.S.	AIP Conference Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Effect of Improving Damping Ratio on Surface Finish by Filling Particulate Reinforced Polymer Composites in Machine Tool	Vivek, A., Holla, V., Krupashankara, M.S.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering

Structures						
Deposition and Characterization of Aluminium Thin film Coatings using DC Magnetron Sputtering Process	Muralidhar Singh, M., Vijaya, G., Krupashankara, M.S., Sridhara, B.K., Shridhar, T.N.	Materials Today: Proceedings	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Development and Analysis of Tungsten-Al oxide based solar thermal multilayer Coating	Vijaya, G., Muralidhar Singh, M., Krupashankara, M.S., Srinivas, M.R., Kulkarni, R.S.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Development and Analysis of Tungsten Thin film Coating for Solar Absorption	Vijaya, G., Singh, M.M., Krupashankara, M.S., Srinivas, M.R., Kulkarni, R.S.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Studies on Thin Film Multilayer Coatings Deposited using Sputtering Process	Singh, M.M., Vijaya, G., Krupashankara, M.S., Sridhara, B.K., Shridhara, T.N.	Materials Today: Proceedings	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Microwave assisted extraction of oil from pongamia pinnata seeds	Kumar, R.C., Benal, M.M., Prasad, B.D., (...), Kulkarni, R.S., Siddaligaswamy, N.H.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Effect of deposition time on structural, electrical and optical properties of Aluminium doped ZnO	Tondare, R.S., Shivaraj, B.W., Narasimhamurthy, H.N., Krishna, M., Subramanya	Materials Today: Proceedings	2018	2	2	Rashtreeya Vidyalaya College of Engineering

thin films by RF magnetron sputtering	m, T.K.					
Investigation of moisture absorption and mechanical properties of natural /glass fiber reinforced polymer hybrid composites	Ashik, K.P., Sharma, R.S., Guptha, V.L.J.	Materials Today: Proceedings	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Directional Interlaminar Shear Strength (ILSS) of nano-modified epoxy/unidirectional glass fibre composite	Rajanish, M., Nanjundaradhy, N.V., Sharma, R.S., Shivananda, H.K., Hegde, A.	AIMS Materials Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Longitudinal and transverse compressive properties of alumina nanoparticles filled epoxy/unidirectional glass fiber composite laminate under in-plane loading	Rajanish, M., Nanjundaradhy, N.V., Sharma, R.S., (...), Hegde, A., Darshan, R.S	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Effect of processing parameters on FDM process	Chari, V.S., Venkatesh, P.R., Krupashankar, Dinesh, V.	AIP Conference Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Synthesis and Characterization of Polyvinylpyrrolidone(PVP) Nanofibrous Thin Films	Amith, V., Sridhar, R., Angadi, G., Narashima Murthy, H.N.	IOP Conference Series: Materials Science and Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Effect of scanning speed and tin content on the tribological behavior of	Bharatish, A., Harish, V., Bathe, R.N., Senthilselvan, J.,	Optics and Laser Technology	2018	0	0	Rashtreeya Vidyalaya College of Engineering

femtosecond laser textured tin-bronze alloy	Soundarapandian, S.					
Influence of Femtosecond Laser Parameters and Environment on Surface Texture Characteristics of Metals and Non-Metals – State of the Art	Bharatish, A., Soundarapandian, S.	Lasers in Manufacturing and Materials Processing	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Evaluation of Wear on Macro-Surface Textures Generated by ns Fiber Laser	Harish, V., Soundarapandian, S., Vijayaraghavan, L., Bharatish, A.	Lasers in Manufacturing and Materials Processing	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Investigation of effect of CO2 laser parameters on drilling characteristics of rocks encountered during mining	Bharatish, A., Kishore Kumar, B., Rajath, R., Narasimha Murthy, H.N.	Journal of King Saud University - Engineering Sciences	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Synthesis and Characterization of Polyvinylpyrrolidone(PVP) Nanofibrous Thin Films	Amith, V., Sridhar, R., Angadi, G., Narashima Murthy, H.N.	IOP Conference Series: Materials Science and Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Investigation of water absorption characteristics of nano-gelcoat for marine application	Firdosh, S., Narasimha Murthy, H.N., Angadi, G., Raghavendra, N.	Progress in Organic Coatings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Multi-objective optimization using taguchi's loss function-based principal component	Ranganayakulu, J., Srihari, P.V.	Lecture Notes in Mechanical Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering

analysis in electrochemical discharge machining of micro-channels on borosilicate glass with direct and hybrid electrolytes						
Dry Sliding Wear Characteristics of Aluminum 6061-T6, Magnesium AZ31 and Rock Dust Composite	Balachandar, R., Balasundaram, R., Rajkumar, G.	IOP Conference Series: Materials Science and Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Statistical Investigation of Tool Geometry for Minimization of Cutting Force in Turning of Hardened Steel	Harisha, S.K., Rajkumar, G.R., Pawar, V., Keshav, M.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Investigation of Turning Parameters of Machining INCONEL 718 using Titanium and Carbide Inserts	Rajkumar, G., Balasundaram, R., Ganesh, N., Rajaram, S.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Reliable Session Initiation Protocol (RSIP) signaling with UDP transport using piggybacking method	Guduru, K.K., Usha, J.	Telecommunication Systems	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Automata approach to reduce power consumption in	Usha, J., Jayasimha, S.R., Srivani, S.G.	Communications in Computer and Information	2018	0	0	Rashtreeya Vidyalaya College of Engineering

smart grid cloud data center		Science				
A comprehensive review of energy efficiency in cloud computing environment	Jayasimha, S.R., Usha, J., Srivani Iyengar, S.G.	International Journal of Engineering and Technology(U AE)	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Security management in mobile cloud computing: Security and privacy issues and solutions in mobile cloud computing (Book Chapter)	Singh, B., Jasmine, K.S.	Cyber Security and Threats: Concepts, Methodologies , Tools, and Applications	2017	0	0	Rashtreeya Vidyalaya College of Engineering
The effect of chemical mutagens upon morphological characters of ginger (Zingiber officinale) in M0 generation	Shivakumar, N., Agrawal, P.	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Framework for Detecting Metamorphic Malware Based on Opcode Feature Extraction	Prapulla, S.B., Bhat, S.J., Shobha, G.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Ostinato - A Powerful Traffic Generator	Patil, B.R., Mohari r, M., Mohanty , P.K., Shobha , G., Sajeev, S.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Clickbait	Manjesh,	2nd	2018	0	0	Rashtreeya

Pattern Detection and Classification of News Headlines Using Natural Language Processing	S., Kanakagiri, T., Vaishak, P., Chettiar, V., Shobha, G.	International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017				Vidyalaya College of Engineering
Anomaly detection in log records	Rastogi, R., Nahata, S., Ghuli, P., Pratiba, D., Shobha, G.	Indonesian Journal of Electrical Engineering and Computer Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Machine Learning	Shobha, G., Rangaswamy, S.	Handbook of Statistics	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Urban Traffic Density Decongestion Using Neural Networks and Fuzzy Logic Techniques	Samrudh, K., Tusu, S., Shettar, R.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
A dynamic security scheme for oppnets using cognitive computing	Hegde, S.B., Sathish Babu, B., Venkatram, P.	International Journal of Mobile Computing and Multimedia Communications	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Comparative Polarity Analysis on Amazon Product Reviews Using Existing Machine Learning Algorithms	Karthikayini, T., Srinath, N.K.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Game Theoretic Approach for Selection of Retailers in B2B E-	Mubeen, S., Subramanya, K.N., Srinath, N.K.	2nd International Conference on Computational Systems and Information	2018	0	0	Rashtreeya Vidyalaya College of Engineering

Commerce		Technology for Sustainable Solutions, CSITSS 2017				
Details enhancement of MRI image using illumination and reflectance estimation	Setty, S., Srinath, N.K., Hanumantharaju, M.C	Proceedings of IEEE International Conference on Signal Processing and Communication, ICSPC 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Machine Learning	Shobha, G., Rangaswamy, S.	Handbook of Statistics	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Concerto: A Program Parallelization, Orchestration and Distribution Infrastructure	Kalyur, S., Nagaraja, G.S.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
AIDE: An Interactive Environment for Program Transformation and Parallelization	Kalyur, S., Nagaraja, G.S.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Soil Quality Management Using Wireless Sensor Network	Madhura, U., Akshay, P., Bhattad, A.J., Nagaraja, G.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Analysis of security mechanism using threshold cryptography	Hamsha, K., Nagaraja, G.S.	Proceedings of the 2017 IEEE International Conference on Communication	2018	0	0	Rashtreeya Vidyalaya College of Engineering

for hierarchical wireless sensor network		n and Signal Processing, ICCSP 2017				
Adaptive and variable backoff algorithm for IEEE 802.16 to render quality of service	Vishalakshi, P.H., Nagaraja, G.S.	Proceedings of the 2017 IEEE International Conference on Communication and Signal Processing, ICCSP 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Highest urgency first scheduling adapted in IEEE 802.11n to support quality of service	Vishalakshi, P.H., Nagaraja, G.S	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Multicast routing for mesh-based using DSR in wireless sensor network	Manjunath, C.R., Nagaraja, G.S	International Journal of Engineering and Technology(UAE)	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Cloud Enabled Water Contamination Detection System	Raghavan, S.S., Loganathan, V., Rathod, V., Sharvani, G.S.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Identification of Network Communities and Assessment of Privacy Using Hybrid Algorithm	Nagaraj, K., Sridhar, A., Sharvani, G.S.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Multifaceted bio-medical applications of	Anirudh Sharma, C.A., Karthik	Proceedings of the 2nd International	2018	0	0	Rashtreeya Vidyalaya College of Engineering

exoskeleton: A review	Sai Vishnu Kumar, A.S., Prasad, A., (...), Sharvani, G.S., Manjunath, A.E	Conference on Inventive Systems and Control, ICISC 2018				
Emerging trend of big data analytics in bioinformatics: A literature review	Nagaraj, K., Sharvani, G.S., Sridhar, A	International Journal of Bioinformatics Research and Applications	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Detection of phishing websites using a novel twofold ensemble model	Nagaraj, K., Bhattacharjee, B., Sridhar, A., Sharvani, G.S.	Journal of Systems and Information Technology	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Automated Consolidation of Virtual Machines	Megha, A.V., Nandan, V., Bhat, P., Ajay Rao, P., Anala, M.R.	International Conference on Current Trends in Computer, Electrical, Electronics and Communication, CTCEEC 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Stability analysis of networked control system	Brindhya, M., Jayapal, R., Anala, M.R	Proceedings - 2018 International Conference on Design Innovations for 3Cs Compute Communicate Control, ICDI3C 2018	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Performance analysis of mesh-based NoC's on routing algorithms	Anala, M.R., Subrahmanya, A.N., D'Souza, A.	International Journal of Electrical and Computer Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
A Survey on SSL Packet Structure	Shaikh, K.A., Karthik Bhat, A., Moharir, M	2nd International Conference on Computational Systems and Information Technology for	2018	0	0	Rashtreeya Vidyalaya College of Engineering

		Sustainable Solutions, CSITSS 2017				
Ostinato - A Powerful Traffic Generator	Patil, B.R., Mohari r, M., Mohanty , P.K., Shobha , G., Sajeev, S.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Handwriting Recognition System for South Indian Languages - A Technical Review	Keerthi Prasad, G., Hegde, V., Asha, K., Krishnapa, H.K.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
A novel task scheduling scheme for computational grids - Greedy approach	Dibbur Byrappa, S., Hegde, S.N., Rajan, M.A., Krishnappa, H.K.	Proceedings - International Conference on Advanced Information Networking and Applications, AINA	2018	0	0	Rashtreeya Vidyalaya College of Engineering
A hybrid approach for the segmentation of brain tumor using K-means clustering and variational level set	Mahalakshmi , Krishnappa, H.K., Jayade vappa, D.	Journal of Advanced Research in Dynamical and Control Systems	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Linguistic Elegance of the Languages of South India	Deepamala, N.	Handbook of Statistics	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Repeated data management framework for IoT: A case study on weather	Swamy, S.N., Sowmyarani, C.N	Proceedings of the 4th IEEE International Conference on Recent Advances in	2018	0	0	Rashtreeya Vidyalaya College of Engineering

monitoring and forecasting		Information Technology, RAIT 2018				
K-anonymity versus L-diversity: A comparative analysis on data anonymization techniques	Sowmyarani, C.N., Dayana nda, P.	International Journal of Engineering and Technology(U AE)	2018	0	0	Rashtreeya Vidyalaya College of Engineering
IoT Enabled Video Surveillance System Using Raspberry Pi	Patil, R.M., Sriniva s, R., Rohith, Y., Vinay, N.R., Pratiba, D.	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Anomaly detection in log records	Rastogi, R., Nahata, S., Ghuli, P., Pratiba, D., Shobha, G.	Indonesian Journal of Electrical Engineering and Computer Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Design of Predictive Model for Healthcare Assistance Using Voice Recognition	Kulkarni, A., Kalburgi, D., Ghuli, P	2nd International Conference on Computational Systems and Information Technology for Sustainable Solutions, CSITSS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Anomaly detection in log records	Rastogi, R., Nahata, S., Ghuli, P., Pratiba, D., Shobha, G.	Indonesian Journal of Electrical Engineering and Computer Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Stability analysis of networked control system	Brindha, M., Jayapal, R., Anala, M.R.	Proceedings - 2018 International Conference on Design Innovations for 3Cs Compute Communicate	2018	0	0	Rashtreeya Vidyalaya College of Engineering

		Control, ICDI3C 2018				
Computationally effective revenue optimisation technique for economical load shedding in power systems	Madhusudan, P., Anilkumar, A., Rao, K.U.	Proceedings of the International Conference on Computing Methodologies and Communication, ICCMC 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Impact of demand response contracts on short-term load forecasting in smart grid using SVR optimized by GA	Jose, J., Margaret, V., Rao, K.U.	2017 Innovations in Power and Advanced Computing Technologies, i-PACT 2017	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Tie-line frequency bias control of pv-wind hybrid power system for micro grid application	Kumar, A.V.P., Parimi, A.M., Rao, K.U.	UPB Scientific Bulletin, Series C: Electrical Engineering and Computer Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Fault detection of switches in multilevel inverter using wavelet and neural network	Srivani, S.G., Vyas, U.B	2017 7th International Conference on Power Systems, ICPS 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Enhanced real time coordination of distance and user defined over current relays	Singh, M., Telukunta, V., Srivani, S.G.	International Journal of Electrical Power and Energy Systems	2018	2	2	Rashtreeya Vidyalaya College of Engineering
Automata approach to reduce power consumption in smart grid cloud data center	Usha, J., Jayasimha, S.R., Srivani, S.G.	Communications in Computer and Information Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Performance analysis of	Remya, O.C., Kirthika	Journal of Engineering	2018	0	0	Rashtreeya Vidyalaya College

single phase closed loop system for cascaded H-bridge multilevel inverter using renewable source	Devi, V.S., Srivani, S.G	and Applied Sciences				of Engineering
An energy efficient technique for time sensitive application using MC-WSN	Divya, K., Jaipriya, S., Anitha, G., Malathy, S., Maheswar, R.	Proceedings of the 2nd International Conference on Inventive Systems and Control, ICISC 2018	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Miniaturized switched line MEMS phase shifter	Anitha, G., Usha Kiran, K.	Microwave and Optical Technology Letters	2018	0	0	Rashtreeya Vidyalaya College of Engineering
IOT based home automation by using personal assistant	Chayapathy, V., Anitha, G.S., Sharath, B.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
A comprehensive study and analysis of LEACH and HEED routing protocols for wireless sensor networks-with suggestion for improvements	Anitha, G., Kumari, V., Thangavelu, S.	Indonesian Journal of Electrical Engineering and Computer Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Posture based health monitoring and unusual behavior recognition system for elderly using dynamic Bayesian	Anitha, G., Baghavathi Priya, S.	Cluster Computing	2018	0	0	Rashtreeya Vidyalaya College of Engineering

network						
Air pollution monitoring using WSN in cement factory	Anitha, G., Vijayakumari, V., Malathy, S., Jaipriya, S.	Journal of Computational and Theoretical Nanoscience	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Energy efficient wireless sensor network with efficient data handling for real time landslide monitoring system using fuzzy data mining technique	Sumathi, M.S., Anitha, G.S.	International Journal of Mobile Network Design and Innovation	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Conventional DMTL Phase Shifter is Designed Without Meta-material and with Meta-material	Singh, V., Anitha, G., Usha Kiran, K.	Lecture Notes in Electrical Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Low speed estimation of sensorless DTC induction motor drive using MRAS with neuro fuzzy adaptive controller	Mini, R., Shabana Backer, P., Satheesh, B.H., Dinesh, M.N.	International Journal of Electrical and Computer Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Influence of various Activated Carbon based Electrode Materials in the Performance of Super Capacitor	Ajay, K.M., Dinesh, M.N.	IOP Conference Series: Materials Science and Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Real time validation of EKF estimator for low speed estimation in DTC IMD	Mini, R., Binoj, P.V., Hariram Satheesh, B., Dinesh, M.N.	International Journal of Power Electronics and Drive Systems	2018	0	0	Rashtreeya Vidyalaya College of Engineering

Non-linear analysis of time series generated from the freeman k-set model	Anitta, F., Sunitha, R., Pradhan, N., Sreedevi, A.	Advances in Intelligent Systems and Computing	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Multiple output fly back converter with primary side current mode control for defence applications	Kulkarni, N.B., Sreedevi, A., Patil, S., (...), Singh, B.K., Chippalkatti, V.	International Conference on Smart Grids, Power and Advanced Control Engineering, ICSPACE 2017	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Simulation of cortical epileptic discharge using Freeman's KIII model	Vijaykumar, P., Sunitha, R., Pradhan, N., Sreedevi, A.	Lecture Notes in Computational Vision and Biomechanics	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Steps involved while introducing a new product into a healthcare organisation	Apoorva, V., Hemalatha, J.N., Achyutha, W.M., Shivaraj, B.W.	Proceedings of the International Conference on Computing Methodologies and Communication, ICCMC	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Interactive Graphical User Interface (GUI) for Wind Speed Prediction Using Wavelet and Artificial Neural Network	Prema, V., Uma Rao, K.	Journal of The Institution of Engineers (India): Series B	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Power supply for smart meters	Kallannavar, D.V., Prema, V., Shankar, G.	International Conference on Smart Grids, Power and Advanced Control Engineering, ICSPACE 2017	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Preparation and	Shylashree, N., Uma,	AIP Conference	2018	0	0	Rashtreeya Vidyalaya College

characterization of Sb ₂ Se ₃ devices for memory applications	B.V., Dhanush, S., (...), Aashith, K., Sangeetha, B.G.	Proceedings				of Engineering
Design and implementation of different architectures of montgomery modular multiplication	Kavyashree, S., Uma, B.V.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	1	1	Rashtreeya Vidyalaya College of Engineering
Edge detection of degraded stone inscription Kannada characters using fuzzy logic algorithm	Rajith Kumar, B.K., Mohana, H.S., Uday, J., Uma, B.V.	Advances in Intelligent Systems and Computing	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Raindrop detection algorithm for ADAS	Asundi, P.K., Geetha, K.S.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Development of glare recognition for advanced driver assistance system	Madan, N., Geetha, K.S.	Lecture Notes in Computational Vision and Biomechanics	2018	0	0	Rashtreeya Vidyalaya College of Engineering
RideNN: A New Rider Optimization Algorithm-Based Neural Network for Fault	Binu, D., Kariyappa, B.S	IEEE Transactions on Instrumentation and Measurement	2018	0	0	Rashtreeya Vidyalaya College of Engineering

Diagnosis in Analog Circuits						
Analysis of low power 7T SRAM cell employing improved SVL (ISVL) technique	Kumar, C.S.H., Kariyappa, B.S.	International Conference on Electrical, Electronics, Communication Computer Technologies and Optimization Techniques, ICEECCOT 2017	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Testing and validation of UART using cloud based GUI	Kiran, B.M., Madhusudhan, C., Farhan, M.M., Manzoor, M.B., Kariyappa, B.S.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Design and Simulation of High-Performance 2D Convolution Architecture	Vishal, V.S., Kariyappa, B.S.	Lecture Notes in Electrical Engineering	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Vehicle classification using compressive sensing	Uttarakumari, M., Achary, A.V., Badiger, S.D., (...), Mukherjee, A., Kothari, N.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Design and implementation of low power mitchell algorithm based logarithmic	Ranjitha, H.V., Pooja, K.S., Aradhya, H.V.R.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information	2017	0	0	Rashtreeya Vidyalaya College of Engineering

multiplier		and Communicatio n Technology, Proceedings				
Design and analysis of compact printed circuit antenna for wireless medical telemetry service	Vijayshanth, D., Mohana, Aradhya, H.V.R.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communicatio n Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Subthreshold adiabatic logic (SAL) based building blocks for combinational system design	Ranjith, K.G., Chavan, A.K.P., Aradhya, H.V.R.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communicatio n Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Single bit-line low power 9T static random access memory	Inamdar, A.P., Divya, P.A., Aradhya, H.V.R.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communicatio n Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
An area efficient FPGA implementation of moving object detection and face detection using adaptive threshold method	Korakoppa, V.P., Mohana, Aradhya, H.V.R.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communicatio n Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Viterbi algorithm based	Nimisha, K.T., Biswagar, P.	RTEICT 2017 - 2nd IEEE International	2017	0	0	Rashtreeya Vidyalaya College of Engineering

Bluetooth low energy receiver for IoT		Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings				
A statistical channel model for fixed WiMax in urban residential areas	Naik, U., Hudli, S., Biswagar, P.	RTEICT 2017 - 2nd IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology, Proceedings	2017	0	0	Rashtreeya Vidyalaya College of Engineering
A Hybrid method of analysis for shaped dielectric lenses compared with measurement results	Ravishankar, S., Mahesh, A., Shushrutha, K.S., Singh, C.V.	IEEE MTT-S International Microwave and RF Conference, IMaRC 2017	2017	0	0	Rashtreeya Vidyalaya College of Engineering
Design of multi-band antennas for wireless communication applications	Mahesh, A., Shushrutha, K.S., Shukla, R.K.	Applied Electromagnetics Conference, AEMC 2017	2017	1	1	Rashtreeya Vidyalaya College of Engineering
A Hybrid method of analysis for shaped dielectric lenses compared with measurement results	Ravishankar, S., Mahesh, A., Shushrutha, K.S., Singh, C.V.	IEEE MTT-S International Microwave and RF Conference, IMaRC 2017	2017	0	0	Rashtreeya Vidyalaya College of Engineering
The design of active RFID for food quality and safety sensors	Chetanraj, K.Y., Shushrutha, K.S., Phani, A.R., Naveen, C.S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon	2017	1	1	Rashtreeya Vidyalaya College of Engineering

		2017				
Design and analysis of high-speed 8-bit ALU using 18 nm FinFET technology	Shylashree, N., Venkatesh, B., Saurabh, T.M., Srinivasan, T., Nath, V.	Microsystem Technologies	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Latency and throughput analysis of a pipelined GDI ripple carry adder	Shylashree, N., Mahesh, D.S.	International Journal of Engineering and Technology(UAE)	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Preparation and characterization of Sb ₂ Se ₃ devices for memory applications	Shylashree, N., Uma, B.V., Dhanush, S., (...), Aashith, K., Sangeetha, B.G.	AIP Conference Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Electrical studies of Ge ₄ Sb ₁ Te ₅ devices for memory applications	Sangeetha, B.G., Shylashree, N.	AIP Conference Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Modified Turbo and SDRM method for speech processing for cochlear implants	Hallikar, R.S., Uttarakumari, M., Padmaraju, K., Yashas, D.	International Journal of Engineering and Technology(UAE)	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Maximum eigenvalue-based spectrum sensing over α - κ - μ and α - η - μ fading channels	Samudhyath, B., Gurugopinath, S., Saraswathi, K.	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Implementation of Doppler shift compensation algorithm for Underwater OFDM communication	Saraswathi, K., Reddy, T., Ravishankar, S., Nayak, S., Rao, S.	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon	2018	0	0	Rashtreeya Vidyalaya College of Engineering

systems		2017				
Edge detection of degraded stone inscription Kannada characters using fuzzy logic algorithm	RajithKumar, B.K., Mohan a, H.S., Uday, J., Uma, B.V.	Advances in Intelligent Systems and Computing	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Design and development of weight sensors based smart shopping cart and rack system for shopping malls	Rajithkumar, B.K., Deepak , G.M., Uma, B.V., (...), Darshan, A.R., Kambl e, C.R.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Carbon-electroluminescence: An organic approach to lighting	Kumari, S., Chaudhary, T., Chandran, V., Lokeshwari, M., Shastry, K.	AIP Conference Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Peak flood estimation along southern coast: Kerala, India	Lokeshwari, M., Mendi, V., Reddy, N.A.	Proceedings of the 9th International Conference on APAC 2017	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Design of a state-machine based genomic simulator and development of a system for prediction of Rheumatoid Arthritis (RA) using signal processing techniques	Lakshmi, T.V.Ramesh, K.B.Niranjan ,V., Monica, N., Rao, A.	2nd International Conference on Circuits, Controls, and Communications, CCUBE 2017 - Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Glaucoma detection using texture features extraction	Kavya, N., Padmaja, K.V.	Conference Record of 51st Asilomar Conference on Signals, Systems and Computers,	2018	0	0	Rashtreeya Vidyalaya College of Engineering

		ACSSC 2017				
Enhancing security of electronic patient record using watermarking technique	Vidya, M.J. Padmaja , K.V.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Robust detection of hard exudates for diagnosis of non-proliferative diabetic retinopathy using integrated approach	Devaraj, D., Prasanna Kumar, S.C.	Advances in Intelligent Systems and Computing	2018	1	1	Rashtreeya Vidyalaya College of Engineering
Study of PDMS material for ECG electrodes	Yadhuraj, S.R., Sudarshan, B.G., Prasanna Kumar, S.C., Mahesh Kumar, D.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
A survey on segmentation of exudates and microaneurysms for early detection of diabetic retinopathy	Devaraj, D., Suma, R., Prasanna Kumar, S.C.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Analysis of linear and non-linear parameters of HRV for opting optimum parameters in wearable device	Yadhuraj, S.R., Sudarshan, B.G., Prasanna Kumar, S.C., Mahesh Kumar, D.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Detection of exudates through local binary pattern in diabetic retinopathy	Suma, R., Devaraj, D., Prasanna Kumar, S.C.	Communications in Computer and Information Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Data-driven	Bala	Proceedings of	2017	0	0	Rashtreeya

motion correction for human head in computed tomography	Maalini, G., Jatti, A.	the 2017 International Conference On Smart Technology for Smart Nation, Smart Tech Con 2017				Vidyalaya College of Engineering
Brain tumour extraction using morphological reconstruction and thresholding	Bala Maalini, G., Jatti, A.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
A survey on segmentation of exudates and microaneurysms for early detection of diabetic retinopathy	Devaraj, D., Suma, R., Prasanna Kumar, S.C.	Materials Today: Proceedings	2018	0	0	Rashtreeya Vidyalaya College of Engineering
Detection of exudates through local binary pattern in diabetic retinopathy	Suma, R., Devaraj, D., Prasanna Kumar, S.C.	Communications in Computer and Information Science	2018	0	0	Rashtreeya Vidyalaya College of Engineering

3.4.7 Faculty participation in Seminars/Conferences and Symposia during the year :Aug 2017

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	7	415	3	-
Presented papers	144	191	-	-
Resource Persons	21	45	-	-

3.5 Consultancy

3.5.1 Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of Consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
HoD CSE	Research Project "Tenant managed AAA in open day light controller	CISCO	846,450.00
Department of Civil Engineering	--	Testing charges	88,910.00
MCA-CODER	Consultancy work	CODER	40,000.00
HoD CV	Consultancy work	S.K.Steel Tech Unit II	7,000.00

HoD CV	Testing charges	PSP Projects Ltd	8,190.00
HoD CV	Mobilization of men & machinery & field testing charges	Tide Technocarts Pvt Ltd	19,635.00
HoD CSE	Research Project-" XLS Engine Phase 2 in Delphi and C# Net	Gnostice Information Technology Pvt Ltd	144,900.00
HoD IEM	Training program for 16 M.Tech PGDQM students	NTTF	29,400.00
HoD CSE	Research Project-" XLSX Engine Phase 2 in Delphi and C# Net and XLS Engine phase 2 in Delphi and c#.Net	Gnostice Information Technology Pvt Ltd	144,900.00
B.L.Shivakumar & Raghavendra T, CV	Proof checking of design and drawings of jack house	K.B.Kumar, Contractor	59,000.00
HoD CSE & Prapulla S B, CSE	Research Project on "Smart water management system"	Rachana-Saisanket JV	335,800.00
Jyothi Shetty & HoD CSE	Training program for 8 numbers on machine learning	Sahaj Software	86,400.00
Dr.Anjaneyappa, CV	Material Testing	Feedbak Infra Pvt Ltd	75,625.00
			166,198.00
			176,219.00
Dr.Sagar B M, ISE	Consultancy provided for natural language processing kit	Pulraj Electronics Pvt Ltd	11,800.00
Dr.Rajashree Shettar, CSE	Prototyping the IEEE 802.15.4 MAC protocol for modelling and analysis fo WBAN	Nihon Communication Solutions	54,000.00
Dr.B.L.Shivakumar & Raghavendra T, CV	Vetting of Structural designs & drawings- Arasikere Project	Megha Engineering and Infrastructures Ltd	432,000.00
Dr.Raghavendra T, CV	Vetting of Structural designs & drawings-Kolar Project	Megha Engineering and Infrastructures Ltd	297,000.00
Dr.Shanmukha N & Geetha K S, Mech&ECE	CSR II project 2017	TE connectivity	491,000.00
			59,400.00
HoD CSE	Tracking and collaboration of tasks for enagling the activities of complix programs	CABS, DRDO	153,000.00
Dr.Ranganath D, CHE	Institutional over head charges for facilitating GRE classes to students	Manya Education Pvt Ltd	120,054.00
Dr.B.L.Shivakumar & Raghavendra T, CV	Proof checking of civil works I drawings vide PO no.8067005396	Tahal Consulting Engineers Ltd	459,000.00
N.K.Srinath, CSE	NAAC recruitment examination during 23-24 September 2017	NAAC	158,434.00
T.Raghavendra, CV	Proof checking & vetting of structural design	B R Patil Engineers & Contrctors	530,500.00

T.Raghavendra, CV	Proof checking & vetting of structural design	Deepa Construction Company	88,500.00
T.Raghavendra, CV	Proof checking & vetting of structural design	Bhupal Engineers & Contractors	118,000.00
T.Raghavendra, CV	Proof checking & vetting of structural design	Md.Rafiq Patel	118,000.00
HoD CSE	Research Project RTF encoder in C#.NET	Gnostice Information Technology Pvt Ltd	108,000.00
HoD CSE	Research Project on “Test procedure to script Generation using classifiers and NLP”	Citrix Ltd	378,000.00
HoD CSE	Execution of “User defined protocol support and DPDK integration with Ostinato” as per the Milestones mentioned in MoU dated 22/02/2017	Citrix Ltd	162,000.00
HoD ISE	Data structure and & Algoritym exam conducted by Codechef	Directi Internet Solutions	31,104.00
HoD ISE	Data structure and & Algoritym exam conducted by Codechef	Directi Internet Solutions	22,685.00
HoD CSE	Development of Isometric model from floor plan	Insta Kitchen Pvt Ltd	16,200.00
Campus	Comed K online exam	TCS	46,480.00
HoD CSE	Research Project on Smart Factory Prototype	ABB Global Industries And Services Private Limited	108,000.00
Campus	Utilizing IDRC lab	Gitam University	53,100.00
T.Raghavendra, CV	Vetting of the structural designs and drawings for the project "Design, Build, Operate & Transfer of Multi Village water supply scheme to Illal and other 17 villages in Hungund Taluk, Bagalkot District. (from Krishna River)	Sri Srinivasa Constructions India Pvt Ltd	708,000.00
Anjaneyappa, CV	Conduction of One Day workshop on 'Construction & Maintenance of Rural Roads' on 12th February 2018	Karnataka Rural Roads Development Agency (KRRDA)	265,970.00
HoD CSE	Research Project: Digitization Engine - Segmentation	Gnostice Information Technology Pvt Ltd	108,000.00
T.Raghavendra, CV	Vetting Of Structural Designs & Drawings for the project "Skywalks for Bengaluru city by BBMP" (Part payment-1)	Ripple Media	162,000.00
T.Raghavendra, CV	Vetting Of Structural Designs & Drawings for Additional structure for the project "Multi Village supply scheme to Shivamogga Taluk, Santhekadur and other 16 villages,	Deepa Construction Company	41,300.00

	Shivamogga District		
Radhakrishna, CV	Third Party inspection at Kanteerava and Koramangala stadium, Bengaluru	Department of Youth Empowerment and sports,	343,000.00
Roopa.J, ECE	Consultancy project titled "Smart Pantry Management System	Insta Kitchen Pvt Ltd	16,200.00
Anjaneyappa, CV	Conduction of: 1.Training program on 'Feasibility study& preparation of DPR for highway Projects on 11-13, Oct 2017 2. Training program on 'Quality Assurance / Management and Control in highways on 28-30, Nov 17	PRAMC, Public Works Ports And Inland Water Transport Department	471,170.00
HoD CSE	Research Project 1. On Automated Data Skew Profiler 2. On MQTT Protocol Support for ROXIE	M/s.Relx India Private Limited	1,497,560.00

3.5.2 Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) & Department	Title of the Programme	Agency seeking training	Revenue generated (amount in rupees)	Number of trainees
Dr. Shobha G. Dr. S.R. Swamy Dr.ShantaRanga swamy Prof. PoonamGhuli Prof. Jyoti Shetty Computer Science and Engineering	Industry Training on "Machine learning Techniques"	Sahaj Software Solutions (Industry Training)	0.86L	08

3.6 Extension Activities

3.6.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated in such activities	Number of students participated in such activities
Minor Trekking	NCC	2	60
Major Trekking	NCC	2	50
Golden Jubilee Celebration	RSST	3	30
Health Camp	Nele Narendra	2	10
Plantation	-	1	12

Awareness			
Discom Collaboration	DISCOM, NCC	3	165
Visit to Dhanyata Ashram	Dhanyataa ashram	2	73
Blood Donation Camp	LIONS Club Bangalore, NCC RVCE, Rotaract RVCE, RAAG RVCE	5	80
Ashraya Trust Visit	Ashraya Seva Trust	2	25
Wildlife SOS	Wildlife SOS	2	15
Blind T-20	CABI	2	50
Multiple orphanage visits	Bosco Mane, Nele Narendra, etc.	2	35
Makkala Mantapa	Nele Narendra, NCC RVCE	1	7
Plantation Drive	Grow-more biotech lab	2	6

3.6.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
AITSC 2017	Silver medal	DG NCC	1
IGC 2017	Gold medal	K&G DTE	3
DDG Felicitation 2018	DG Commendation	DG NCC	1
DDG Felicitation 2018	CM Commendation	K&G DTE	4
DDG Felicitation 2018	DDG Commendation	K&G DTE	7

3.6.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers co-ordinated such activities	Number of students participated in such activities
NCC	RVCE-NCC	Plantation Drive	4	45

NCC	RVCE-NCC	Swachh Bharath Abhiyan	5	40
NCC	RVCE-NCC	Swachh Bharath	2	60
NCC	RVCE-NCC	Youth Day	6	35
NCC	RVCE-NCC	International Yoga Day	15	35
NCC	RVCE-NCC	Orphanage Visit	2	30
NCC	RVCE-NCC	Blood Donation	3	40
River Rejuvenation	RSST	Banavadi Camp	4	26
Women Empowerment, waste management and plantation	RVCE	Interactive session	5	76
Cleanliness Drive	RVCE	Campus Cleanup	3	42
Unity, Safety and Security drive	NCC	Ekta Diwas	25	150
Health Camp	RVCE-AIPNO, SEWA international USA, Nele Narendra	Health Camp	2	10
Road safety	RVCE-Traffic Police	Traffic control and safety awareness	2	35
Swachh Bharat	RVCE-VTU, Samarthana	Swachh Bharat Campaign	3	30
Swachh Bharat	RVCE-NCC	Republic day celebration	3	30
Road Safety Awareness Walkathon	RVCE-Youth Service of America (YSA), UL, TRAX and National Road Safety Organization (NRSO)	Walkathon at Cubbon Park for Road Safety	2	50
Cleanliness Drive	RVCE-Swachh Bharat Abhiyan	Cleanliness Drive at Cubbon Park	2	45
National Youth week Celebration	RVCE-Government of Karnataka	National Youth week at Palace Grounds	2	40
Green Initiative Pledge	RVCE-Samartha Bharata	Green Initiative Pledge	2	20
Cleanliness Campaign	RVCE-NCC	In and out Campus Cleanliness Drive	2	60
Civil defense drive	RVCE-Association with Government of Karnataka	Civil defense seminar and campaign	2	130

Road safety	RVCE-Association with Government of Karnataka	Road Safety Seminar	3	95
Road safety	RVCE-Association with Government of Karnataka	Road Safety Campaign and Walkathon	2	65
Marathon for underprivileged girl children	RVCE-The wishing tree foundation	Utsarga Marathon	3	400
National Youth Day Celebration	RVCE-NCC & NSS	National Youth Day Celebration	3	56
Unity Pledge	RVCE-Government of India Initiative	Unity Pledge Undertaking	2	110

3.7 Collaborations

3.7.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Tenant Managed AAA in Opendaylight Controller	Prof. Sneha M.,Dr. Shobh G.	CISCO Systems PVT. India Ltd	2017-2018
Tracking and collaboration of tasks for enabling the activities of complex	Dr. Shobha G Dr. Shantha Rangaswamy Prof. M R. Sundarakumar	CABS, Bangalore	2017-2018
1) procedure to script Generation using classifiers and NLP (Natural Language Processing) 2) App for Video optimization Testing 3) User defined Protocol support and DPDK integration with Ostinato Network simulator with predictable error injection	Dr. Shobha G Dr. Deepamala.N Prof. Azra Nasreen Prof. Vishalakshi Prabhu Dr. Minal Moharir	Citrix R&D India Private Limited	2017-2018

3.7.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (from-to)	Participant
Internship	Project	Ge commercial	January to May 2018	Vasu nangalia
Internship	Project	Morgan stanley	January to May 2018	Abhishek s
Internship	Project	Amadeus	January to May 2018	Haripriya ramesh

Internship	Project	Vm ware	January to May 2018	Harsha kulkarni
Internship	Project	Intel	January to May 2018	Khadija taheer zavery
Internship	Project	Amazon	January to May 2018	Krishanu takhtani
Internship	Project	Hpe	January to May 2018	Pavan hiremath
Internship	Project	Cisco	January to May 2018	Sanjana suri
Internship	Project	Mast global	January to May 2018	Vinutha m
Internship	Project	Drdo	January to May 2018	Anvesha srivastava
Internship	Project	Byjus	January to May 2018	Prajwal cp
Internship	Project	Byjus	January to May 2018	Prashanth m
Internship	Project	Byjus	January to May 2018	Likhitha r reddy
Internship	Project	Cypress semiconductors	January to May 2018	Sairam manivannan
Internship	Project	Cypress semiconductors	January to May 2018	Adithya ks
Internship	Project	Etb	January to May 2018	Charakani siva prasad
Internship	Project	Etb	January to May 2018	Chandahas ravindrababu kodli
Internship	Project	Robert bosch	January to May 2018	Sidhartha sahu
Internship	Project	Secure meters	January to May 2018	Harsh ranjan
Internship	Project	Hpe	January to May 2018	V t aniruth
Internship	Project	Hpe	January to May 2018	Yash gupta
Internship	Project	Robert bosch	January to May 2018	Raghav maheshwari
Internship	Project	Secure meters	January to May 2018	T.vignesh nayak
Internship	Project	Ather energy	January to May 2018	Prineeth ramachandra
Internship	Project	Sandisk	January to May 2018	Adarsha p
Internship	Project	Catamaran ventures	January to May 2018	Adiga shrees h
Internship	Project	Sling media	January to May 2018	Adithya n
Internship	Project	Robert bosch	January to May 2018	Ahmed nasheed

Internship	Project	Intel	January to May 2018	Aishwarya lahari v v
Internship	Project	Intel	January to May 2018	Aishwarya m
Internship	Project	Ittiam	January to May 2018	Ajayshyam
Internship	Project	Cisco	January to May 2018	Akshay k gowda
Internship	Project	Signalchip	January to May 2018	Akshay r adiga
Internship	Project	Intel -	January to May 2018	Anirudh s koushik
Internship	Project	Sandvine fte	January to May 2018	Anirudh s r
Internship	Project	Amadeus	January to May 2018	Archana d n
Internship	Project	Hp microfocus	January to May 2018	Bharath
Internship	Project	Ittiam systems	January to May 2018	Chandrakant i viraktamath
Internship	Project	O9 solutions	January to May 2018	Chethan m
Internship	Project	Intel -	January to May 2018	Chethan pai k
Internship	Project	Cisco	January to May 2018	D s shakeel ahamed
Internship	Project	Amazon	January to May 2018	Darshan k n
Internship	Project	Sling media	January to May 2018	Devaraja
Internship	Project	Qualcomm	January to May 2018	Dheeraj prasanna
Internship	Project	Sandvine	January to May 2018	Divya shrikant hegde
Internship	Project	Sapient	January to May 2018	Gajanana r hegde
Internship	Project	Signal chip	January to May 2018	Gowtham j
Internship	Project	Intel	January to May 2018	H s pranav
Internship	Project	Cypress semiconductor	January to May 2018	Harshita p
Internship	Project	Cisco	January to May 2018	Harshitha j
Internship	Project	Aruba hpe	January to May 2018	Ishan ranjan
Internship	Project	Robert bosch	January to May 2018	K m ashish
Internship	Project	Intel	January to May 2018	Karthik b n hebbar

Internship	Project	Signal chip	January to May 2018	Karthik m
Internship	Project	Sandisk	January to May 2018	Kartik angadi
Internship	Project	Aruba hpe	January to May 2018	Kashif bilal ali
Internship	Project	Sandvine technologies	January to May 2018	Kavyashree m
Internship	Project	Tapzo	January to May 2018	Kshitij gupta
Internship	Project	Curl analytics	January to May 2018	Kunaal a malodhakar
Internship	Project	Hpe software-	January to May 2018	M s shravan
Internship	Project	Qualcomm	January to May 2018	Mahesh d s
Internship	Project	Amadeus	January to May 2018	Manjunath s sastry
Internship	Project	Sling media	January to May 2018	Manu r
Internship	Project	Curl analytics	January to May 2018	Mayank sharma
Internship	Project	Robert bosch	January to May 2018	Mohan s
Internship	Project	Qualcomm	January to May 2018	Monica m s
Internship	Project	Sling media	January to May 2018	Monika a
Internship	Project	Cisco	January to May 2018	Navaneetha k
Internship	Project	Cisco	January to May 2018	Nikhil m kulkarni
Internship	Project	Cisco	January to May 2018	Pandurang s kambali
Internship	Project	Ittiam systems pvt ltd	January to May 2018	Prakhar jain
Internship	Project	Cisco - hardware	January to May 2018	Pramod s bhat
Internship	Project	National instruments	January to May 2018	Pranav kulkarni
Internship	Project	Robert bosch	January to May 2018	Pranav v k
Internship	Project	Sling media	January to May 2018	Rahul l
Internship	Project	Nutanix	January to May 2018	Rajath m somayaji
Internship	Project	Bidgely technologies	January to May 2018	Rakshith r gore
Internship	Project	Cisco internship	January to May 2018	Sagar bhoje

Internship	Project	Analog devices	January to May 2018	Sanjana s
Internship	Project	Hpe	January to May 2018	Sanjay
Internship	Project	Cypress semiconductors	January to May 2018	Sarthak b krishna
Internship	Project	O9 solutions	January to May 2018	Saurabh suman
Internship	Project	Aruba networks	January to May 2018	Shanchana s
Internship	Project	Intel	January to May 2018	Sharath chandra h l
Internship	Project	Microfocus	January to May 2018	Shivaraj kumar
Internship	Project	Microfocus	January to May 2018	Shravanya r
Internship	Project	Sapient nitro	January to May 2018	Shravith n shetty
Internship	Project	O9 solutions	January to May 2018	Shubham kumar goyal
Internship	Project	Cisco	January to May 2018	Sindhu n
Internship	Project	Goldman sachs	January to May 2018	Soumya empran
Internship	Project	Sapient	January to May 2018	Suhail ahamed f
Internship	Project	Buyhatke internet pvt ltd	January to May 2018	Suhas sharma b r
Internship	Project	Hewlett packard enterprise	January to May 2018	Swathi h
Internship	Project	Hpe aruba networks -	January to May 2018	Tarun srinivasan
Internship	Project	Amadeus	January to May 2018	Tejas shetty
Internship	Project	Aruba hpe	January to May 2018	Vinay g
Internship	Project	Hpe software	January to May 2018	Vinay kumar h s
Internship	Project	Amadeus	January to May 2018	Vinay s p
Internship	Project	Walmartlabs	January to May 2018	Vinay m dani
Internship	Project	Kpmg	January to May 2018	Ansh narang
Internship	Project	Kpmg	January to May 2018	Nayanika tripathi
Internship	Project	Walmartlabs	January to May 2018	Alekh k a
Internship	Project	Kpmg	January to May 2018	Sridip mishra

Internship	Project	Amadeus	January to May 2018	Manjunath jogin
Internship	Project	Amadeus	January to May 2018	Akhil srinivas
Internship	Project	Musigma	January to May 2018	Shekhar anand
Internship	Project	Intel	January to May 2018	Suhas bv
Internship	Project	Stellium	January to May 2018	Adarsh m shetty
Internship	Project	Temenos	January to May 2018	Hamsa sk
Internship	Project	Ather energy	January to May 2018	Vaishnavi r
Internship	Project	Ather energy	January to May 2018	Naveen s
Internship	Project	Ather energy	January to May 2018	Priyank nehta
Internship	Project	Robert bosch	January to May 2018	Kunal kishor suman
Internship	Project	Robert bosch	January to May 2018	Shreya mohan
Internship	Project	Standard chartered	January to May 2018	Yash gupta
Internship	Project	Robert bosch	January to May 2018	Abhishek p b
Internship	Project	Siemens	January to May 2018	Tanya pandey
Internship	Project	Secure meters	January to May 2018	Harsh ranjan
Internship	Project	Hpe	January to May 2018	V t aniruth
Internship	Project	Robert bosch	January to May 2018	Anjali prasad
Internship	Project	Robert bosch	January to May 2018	Shreyasi laik
Internship	Project	Robert bosch	January to May 2018	Vishal kulkarni
Internship	Project	Stillum	January to May 2018	Jyoti nagar p
Internship	Project	Robert bosch	January to May 2018	Raghav maheshwari
Internship	Project	Robert bosch	January to May 2018	Preeti kumari
Internship	Project	Accenture	January to May 2018	Tejaswini p d
Internship	Project	Accenture r&d lab	January to May 2018	Varun sabnis
Internship	Project	Accolite software india private limited	January to May 2018	Khazi nawaz ahamed

Internship	Project	Aci worldwide solutions	January to May 2018	Raunak sinha
Internship	Project	Akamai technologies	January to May 2018	Shashank s hegade
Internship	Project	Akamai technologies	January to May 2018	Bharath g
Internship	Project	Akamai technologies india pvt ltd	January to May 2018	Aravind kukkila
Internship	Project	Akamai technologies pvt ltd	January to May 2018	Hemanth rao k n
Internship	Project	Amadeus software labs	January to May 2018	Rudresh bagry
Internship	Project	Amazon	January to May 2018	Sanjana s
Internship	Project	Amazon india	January to May 2018	Satyaanshu
Internship	Project	Bidgely	January to May 2018	Nikhil agrawal
Internship	Project	Bidgely	January to May 2018	Tushar gowda
Internship	Project	Bidgely technologies pvt ltd	January to May 2018	Shivam bhandari
Internship	Project	Bosch engineering and business solutions	January to May 2018	Ameya kanojia
Internship	Project	Buyhatke	January to May 2018	Mohd mubarisuddin khan
Internship	Project	Ca technologies	January to May 2018	Rithesh r n
Internship	Project	Ca technologies	January to May 2018	Kiran sidigonde
Internship	Project	Ca technologies	January to May 2018	Shagun srivastav
Internship	Project	Catamaran ventures	January to May 2018	Vignesh
Internship	Project	Catamaran ventures	January to May 2018	Sanket kamath
Internship	Project	Catamaran ventures	January to May 2018	Anoop anand
Internship	Project	Catamaran ventures	January to May 2018	Akshat malik
Internship	Project	Cerner	January to May 2018	Dhruthik s
Internship	Project	Cerner	January to May 2018	Pradeep yadravi
Internship	Project	Cerner	January to May 2018	Riya poddar
Internship	Project	Cerner	January to May 2018	Meghana n
Internship	Project	Cisco	January to May 2018	Srishti agrawal

Internship	Project	Cisco	January to May 2018	Shakti kumar
Internship	Project	Cisco	January to May 2018	Revanur ambareesh
Internship	Project	Cisco	January to May 2018	Rupal sohane
Internship	Project	Cisco	January to May 2018	Guruprasad bhat
Internship	Project	Cisco	January to May 2018	Sahana s
Internship	Project	Cisco	January to May 2018	Sumit jogalekar
Internship	Project	Cisco	January to May 2018	Praveen kishore g
Internship	Project	Cisco	January to May 2018	Joshi swarali atul
Internship	Project	Cisco	January to May 2018	Gareema ranjan
Internship	Project	Cisco	January to May 2018	Sushmitha h.s
Internship	Project	Cisco	January to May 2018	Nikitha rao
Internship	Project	Cisco systems	January to May 2018	Prajwal d r
Internship	Project	Cisco systems	January to May 2018	Vishwas s
Internship	Project	Cisco systems	January to May 2018	Ankita anand
Internship	Project	Citrix r&d	January to May 2018	Christen dsouza
Internship	Project	Cypress semiconductors	January to May 2018	M aditya
Internship	Project	Ernst and young	January to May 2018	Sanskriti khetpal
Internship	Project	Ernst and young	January to May 2018	Md haseeb khan
Internship	Project	G e digital	January to May 2018	Ankit rajput
Internship	Project	Ge digital	January to May 2018	N. Chandra kanth
Internship	Project	Gigsky	January to May 2018	Subham das
Internship	Project	Goldman sachs	January to May 2018	Ananth mahadevan
Internship	Project	Goldman sachs	January to May 2018	R srinivas
Internship	Project	Goldman sachs	January to May 2018	Sunaina p
Internship	Project	Goldman sachs	January to May 2018	Gautam reddy

Internship	Project	Goldman sachs	January to May 2018	Bharat rahuldhev patil
Internship	Project	Goldman sachs	January to May 2018	Vishwesh k nayak
Internship	Project	Goldman sachs	January to May 2018	Niranjan nimbargi
Internship	Project	Goldman sachs services pvt. Ltd.	January to May 2018	Himanshu janawadkar
Internship	Project	Hewlett packard enterprise(hpe)	January to May 2018	Moukthika n n
Internship	Project	Hpe	January to May 2018	Vinod joy noronha
Internship	Project	Hpe software-microfocus	January to May 2018	Venkata prasanna verma n
Internship	Project	Increff	January to May 2018	V dilip reddy
Internship	Project	Indian institute of science	January to May 2018	Rahul m v
Internship	Project	Intel	January to May 2018	Abhilash s m
Internship	Project	Intel	January to May 2018	Ashwin chirania
Internship	Project	Intel	January to May 2018	Vikas gautam
Internship	Project	Intuit	January to May 2018	Akash s
Internship	Project	Intuit	January to May 2018	Ashwith.a
Internship	Project	Logmein	January to May 2018	Nikhil d
Internship	Project	Logmein	January to May 2018	Supreeth chandrashekar
Internship	Project	Logmein, inc.	January to May 2018	Trisha venkatesh
Internship	Project	Lowes	January to May 2018	Brunda bs
Internship	Project	Lowe's bangalore	January to May 2018	Shetty pradnya krishna
Internship	Project	Lowe's india	January to May 2018	Himanshu dixit
Internship	Project	Mcafee	January to May 2018	Namruth reddy
Internship	Project	Mcafee	January to May 2018	Nilesh rustagi
Internship	Project	Mcafee	January to May 2018	Fahad rasul
Internship	Project	Mcafee	January to May 2018	Abhishek n murthy
Internship	Project	Media iq	January to May 2018	Shreyas dinesh pai

Internship	Project	Media iq	January to May 2018	Abit tikoo
Internship	Project	Microsoft research india	January to May 2018	Shruthi bannur
Internship	Project	Morgan stanley	January to May 2018	Santosh s shiradon
Internship	Project	Myntra	January to May 2018	Nishanth aithal
Internship	Project	Myntra design pvt. Ltd.	January to May 2018	Karan uppal
Internship	Project	Myntra designs pvt ltd	January to May 2018	Sharathkumar m
Internship	Project	Nextscm solutions private limited	January to May 2018	Moushmi a jiandani
Internship	Project	Nextscm(increeff)	January to May 2018	Pallavi rao k
Internship	Project	Nutanix	January to May 2018	Priyaranjan
Internship	Project	Nutanix	January to May 2018	Avinash
Internship	Project	Pattern effects	January to May 2018	Manav jain
Internship	Project	Pattern effects labs	January to May 2018	Rajarajeshwari hs
Internship	Project	Pattern effects labs pvt ltd	January to May 2018	Pooja i
Internship	Project	Perfios	January to May 2018	Avinash gupta
Internship	Project	Perfios	January to May 2018	Muralidhar m
Internship	Project	Perfios	January to May 2018	Anil ramesh naduvinamani
Internship	Project	Qualcomm	January to May 2018	Chandan
Internship	Project	Qualcomm	January to May 2018	Anurag s
Internship	Project	Quikr	January to May 2018	Saurav kumar dubey
Internship	Project	Quikr	January to May 2018	Vikram sirupurapu
Internship	Project	Quikr 2018	January to May 2018	Basireddy durga pawani reddy
Internship	Project	Sabre	January to May 2018	Akash patil
Internship	Project	Sabre	January to May 2018	Lavanya p
Internship	Project	Samsung	January to May 2018	Rishabh gupta
Internship	Project	Sandisk	January to May 2018	Mankaran singh sandhu

Internship	Project	Sap labs	January to May 2018	Sahana upadhy
Internship	Project	Sapient	January to May 2018	Asish kumar
Internship	Project	Sling media	January to May 2018	Prasen mathur
Internship	Project	Sling media	January to May 2018	Poojitha g
Internship	Project	Walmart labs	January to May 2018	Prateek kumar
Internship	Project	Walmartlabs	January to May 2018	Madhwesh b mudakavi
Internship	Project	Wipro	January to May 2018	J sai vineeth
Internship	Project	Wipro	January to May 2018	Kiran kumar a s
Internship	Project	Wipro	January to May 2018	Oindrila nandy
Internship	Project	Yatra	January to May 2018	Sujan c
Internship	Project	Yatra.com	January to May 2018	Ganne sai gokul
Internship	Project	Zapr media labs	January to May 2018	Prashant mohan
Internship	Project	Zapr media labs	January to May 2018	Ajay kr choudhary
Internship	Project	Infosys	January to May 2018	Byluri sadhvi rao ballal
Internship	Project	Astrogate labs	January to May 2018	Deepak kumar majhi
Internship	Project	Servocontrollers	January to May 2018	Poornima s durgi
Internship	Project	Wipro ge healthcare	January to May 2018	Pramod v
Internship	Project	Bosch	January to May 2018	Prutha g
Internship	Project	Centum/ infosys	January to May 2018	Rahul g jois
Internship	Project	Volvo	January to May 2018	Shreeya malakgond
Internship	Project	Kptcl	January to May 2018	Shruthi yarashi a
Internship	Project	Centum	January to May 2018	Vivekachar a s
Internship	Project	Tejas networks	January to May 2018	Amulya k
Internship	Project	Conflux technologies	January to May 2018	Greeshma n d
Internship	Project	5barz	January to May 2018	Kavyashree b s

Internship	Project	Tejas networks	January to May 2018	Kedarnath
Internship	Project	Analog device	January to May 2018	Krithika m s
Internship	Project	Veoneer	January to May 2018	Praveen kumar
Internship	Project	Veoneer	January to May 2018	S sanjana
Internship	Project	Veoneer	January to May 2018	S sunitha
Internship	Project	Veoneer	January to May 2018	Shavanthi l
Internship	Project	Utc aerospace	January to May 2018	Sukeerthi g
Internship	Project	Cadence	January to May 2018	Suprita s k
Internship	Project	Aumento performs solutions	January to May 2018	Anusree k c
Internship	Project	Infosys	January to May 2018	Ayesha zarnain
Internship	Project	Mcafee	January to May 2018	Karthik n
Internship	Project	Philips	January to May 2018	Prerana
Internship	Project	Power seller templates	January to May 2018	Priyanka h
Internship	Project	Mindtree	January to May 2018	Raviteja b
Internship	Project	Meta galaxy llc mg-group oman	January to May 2018	Shahila k
Internship	Project	Power seller templates	January to May 2018	Sindhu jakate
Internship	Project	Intel	January to May 2018	Sowmya t a
Internship	Project	Silfra technology	January to May 2018	Sumanth bharadwaj h s
Internship	Project	Intel	January to May 2018	Supriya v shahapur
Internship	Project	Infosys	January to May 2018	Sweta suresh konkanagaon
Internship	Project	Drdo	January to May 2018	A nida waheed
Internship	Project	Iwave	January to May 2018	Ashwin a
Internship	Project	Thinkcircuit pvt.	January to May 2018	Chennaveer r jogur
Internship	Project	Drdo	January to May 2018	Harshita b
Internship	Project	Microsemi	January to May 2018	Kantheti sai srihitha

Internship	Project	Inventron	January to May 2018	Likhith g p
Internship	Project	Silvan innovation labs pvt ltd	January to May 2018	Shalini
Internship	Project	Emage vision	January to May 2018	Siddesh b bagali
Internship	Project	Isro	January to May 2018	Sujani revanoor
Internship	Project	Emage vision	January to May 2018	Vidya g m
Internship	Project	Integrated phd	January to May 2018	Chaitra
Internship	Project	Integrated phd	January to May 2018	Lakshmi bharathi s
Internship	Project	Integrated phd	January to May 2018	Sinsha p s
Internship	Project	Schrodinger	January to May 2018	Vasantkumar
Internship	Project	Monsanto	January to May 2018	Vidya bharathi h
Internship	Project	Quest global, i.r.	January to May 2018	Ishu raj singh
Internship	Project	Mercedez benz	January to May 2018	Sachin kallappa patil
Internship	Project	Placed in mercedes benz	January to May 2018	Akshay.s.hiremath
Internship	Project	Quest global	January to May 2018	Patil sandeep mallikarjun
Internship	Project	Ve cummarcial	January to May 2018	Yadhu s aswan
Internship	Project	Leanstation	January to May 2018	Aditya v
Internship	Project	Cisco	January to May 2018	Ankitha pal
Internship	Project	Philips	January to May 2018	B.i.pavitra
Internship	Project	Zero labs	January to May 2018	Igneta mcluren dsouza
Internship	Project	Avaya	January to May 2018	Kiran kumar g
Internship	Project	Cerner	January to May 2018	Meghana k a
Internship	Project	Infosys	January to May 2018	Nishkala nayak m n
Internship	Project	Infosys	January to May 2018	Priyanka
Internship	Project	Intel	January to May 2018	Reshma m nadaf
Internship	Project	Intel	January to May 2018	Shreyas srinath

Internship	Project	Nokia	January to May 2018	Veerabhadrappa k s
Internship	Project	Ourhealth mate	January to May 2018	Abhishek nk
Internship	Project	Motorola solutions inc.	January to May 2018	Ashwini biradar
Internship	Project	Motorola solutions inc.	January to May 2018	Babasab gadade
Internship	Project	Ourhealth mate	January to May 2018	Chaitra d m
Internship	Project	Infosys ltd	January to May 2018	G.laxmi
Internship	Project	Mindtree	January to May 2018	Komal s k
Internship	Project	Ourhealth mate	January to May 2018	Mohan kumar g
Internship	Project	Mindtree	January to May 2018	Pooja chukkanakal
Internship	Project	Inventrom pvt. Ltd.	January to May 2018	Shoeb ahmed shabbeer
Internship	Project	Philips india limited,	January to May 2018	Srushti k
Internship	Project	Netapp	January to May 2018	Swetha r
Internship	Project	Syncron india pvt. Ltd.	January to May 2018	Tilara balram vijaybhai
Internship	Project	Placed (cisco)	January to May 2018	Amruta kulkarni
Internship	Project	Drop out	January to May 2018	Apoorva h n
Internship	Project	Placed (qualcomm)	January to May 2018	Athri g rao
Internship	Project	Placed (arm)	January to May 2018	Deepika ravi
Internship	Project	Placed (oracle)	January to May 2018	Nitish ugru
Internship	Project	Placed (cerner)	January to May 2018	Prashant
Internship	Project	Placed (abb)	January to May 2018	Ravikumar n pareet
Internship	Project	Placed (nokia)	January to May 2018	Sachin a s
Internship	Project	Placed(sandisk)	January to May 2018	Soumyashree r b
Internship	Project	Placed(philips)	January to May 2018	Supreetha m
Internship	Project	Intel	January to May 2018	Akshata mathad
Internship	Project	Amd	January to May 2018	Akshatha p inamdar

Internship	Project	Open silicon	January to May 2018	Amit m ugargol
Internship	Project	Amd	January to May 2018	Amruta hosur
Internship	Project	Intel	January to May 2018	Asha y n
Internship	Project	Cadence	January to May 2018	Atiq jamadar
Internship	Project	Microsemi	January to May 2018	Balu rathod
Internship	Project	Microsemi	January to May 2018	Chethan k
Internship	Project	Intel	January to May 2018	Darshan halliyavar
Internship	Project	Qualcomm	January to May 2018	Divya p a
Internship	Project	Amd	January to May 2018	Ganesh prasad j
Internship	Project	Infosys	January to May 2018	Kiran p
Internship	Project	Utc aerospace systems	January to May 2018	Maniharika wvpuram
Internship	Project	Sandisk	January to May 2018	Mitali j t
Internship	Project	Sandisk	January to May 2018	Mohammed jaffer sadiq
Internship	Project	Sandisk	January to May 2018	Pavankumar aravind kulkarni
Internship	Project	Amd	January to May 2018	Pavankumar desai
Internship	Project	Qualcomm	January to May 2018	Pavankumar vijapur
Internship	Project	Cypress	January to May 2018	Pooja k s
Internship	Project	Microsemi	January to May 2018	Ramanand s hegde
Internship	Project	Texas instruments	January to May 2018	Ranjitha h v
Internship	Project	Analog devices	January to May 2018	S r pratheek
Internship	Project	Qualcomm	January to May 2018	Shankar kanaboar
Internship	Project	Texas instruments	January to May 2018	Shashank s meti
Internship	Project	Open silicon	January to May 2018	Shreyas h s
Internship	Project	Cypress	January to May 2018	Shweta k panchamukhi
Internship	Project	Microsemi	January to May 2018	Vaishnavi g

Internship	Project	Open silicon	January to May 2018	Venkatesh l marangappanavar
Internship	Project	Microsemi	January to May 2018	Vinay p
Internship	Project	Shirdi Sai Nutricals	January to May 2018	Archana
Internship	Project	Shirdi Sai Nutricals	January to May 2018	Melta sequera
Internship	Project	Stellar value chain	January to May 2018	Lohith k.v.
Internship	Project	CISCO	January to May 2018	Amruta kulkarni
Internship	Project	Qualcomm	January to May 2018	Athri g rao
Internship	Project	Arm	January to May 2018	Deepika ravi
Internship	Project	Oracle	January to May 2018	Nitish ugru
Internship	Project	Cerner	January to May 2018	Prashant
Internship	Project	Abb	January to May 2018	Ravikumar n pareet
Internship	Project	Nokia	January to May 2018	Sachin a s
Internship	Project	Sandisk	January to May 2018	Soumyashree r b
Internship	Project	Philips	January to May 2018	Supreetha m
Internship	Project	Merck group	January to May 2018	Anusha
Internship	Project	Merck group	January to May 2018	Atmika
Internship	Project	Merck group	January to May 2018	Harsha mokashi
Internship	Project	Sai chemicals	January to May 2018	Archana
Internship	Project	Himalayan drugs	January to May 2018	Mahesh
Internship	Project	Kalyani steels	January to May 2018	Swathi

3.7.3 MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Toyota Kirloskar Motor Private Ltd.	21.6.2018	Cross section of Engines components and	Principal, IIC Coordinator, HOD, 2 Faculty, 6 students
DSCIGN Biosys Pvt. Ltd.	20.6.2018	Manpower Development (Training),	Principal, IIC Coordinator, HOD, 3 Faculty

		Consultancy, R&D, Guest Lectures, Seminars.	
Sri Sri Institute for Advance Research, Bengaluru	2018	Joint Research & Collaboration	Principal, IIC Coordinator, HOD, 2 Faculty
Lify Signals connecting life	26.5.2018	Research and Development	Principal, IIC Coordinator, HOD, 9 faculty
IPE Global Ltd	11.4.2018,	Consultancy of Smart City work at Tumakur	Principal, IIC Coordinator, HOD, 5 faculty, 4 students
Mercedes Benz India Ltd., Pune	2018	Course on Diploma in Automotive Mechatronics	Principal, IIC Coordinator, HOD, 4 faculty. 6 students
CISCO Pvt Limited	2018	Sponsored Research Agreement	Principal, IIC Coordinator, HOD, 9 faculty. 16 students
University of Commons, Mind Tree	20.3.2018	Social Innovations	Principal, IIC Coordinator, HOD, 2 faculty.
Kennametal India Limited	2018	Consultancy	Principal, IIC Coordinator, HOD, 5 faculty,
Citrix R & D India Pvt. Ltd.	2018	Projects	Principal, IIC Coordinator, HOD, 4 faculty.
HappyMongo Online Solution Pvt. Ltd.	26.3.18	Academic & Research Collaboration	Principal, IIC Coordinator, HOD, 2 faculty, 2 students
Innosolv Consultancy Services Pvt. Ltd.	2018	Consultancy	Principal, IIC Coordinator, HOD, 2 faculty
GK Machineries & Robotics Private Limited	2018	Consultancy	Principal, IIC Coordinator, HOD, 2 faculty
Satva Health Solutions, Pvt. Ltd. Bangalore	26.9.2017	Research & Development activities, Training on pharma waste management	Principal, IIC Coordinator, HOD, 3 students and 4 faculty
Florida International University, Miami-Florida, USA	2017	Student & faculty exchange, joint research collaboration	Principal, IIC Coordinator, HOD, 3 students and 8 faculty and 6 students
CodeChef	2017	Certification Exam on Data Structures & Algorithms	Principal, IIC Coordinator, HOD, 3 students and 4 faculty
PEERMENTOR	2017	Collaborative incubation and entrepreneurial activities	Principal, IIC Coordinator, HOD, 3 students and 2 faculty
ATS Infotech Pvt. Ltd. New Delhi	2017	Certification Courses / Workshops	Principal, IIC Coordinator, HOD, 3 students and 4 faculty, 2 students
LexisNexis Rik Management Inc., Florida	2017	Academic & Research collaboration	Principal, IIC Coordinator, HOD, 3 students and 3 faculty
ETA PRO Technologies Pvt. Ltd,	2017	R&D Projects	Principal, IIC Coordinator, HOD, 3 students and 5 faculty
Pai and Pai Chemicals, Bengaluru	2017	Waste / effluent treatment	Principal, IIC Coordinator, HOD, 3 students and 4 faculty and 5 students
ZIROH Labs Pvt. Ltd.	2017	R&D Projects	Principal, IIC Coordinator, HOD, 3 students and 2 faculty
AMD India Private Limited	2017	Best Project awards	Principal, IIC Coordinator, HOD, 3 students and 1 faculty

Pentavision Pvt. Ltd. Bengaluru	2017	Student projects – UG & Programs	Principal, IIC Coordinator, HOD, 3 students and 3 faculty, 5 students
Wipro Limited, Bengaluru	2017	Sponsorship for RVCE Solar Car Team	Principal, IIC Coordinator, HOD, 3 students and 3 faculty, 6 students
TATA Technologies Limited, Pune	2017	Training, Research & Consultancy activities	Principal, IIC Coordinator, HOD, 3 students and 6 faculty
Bosch Rexroth India Pvt. Ltd. (DCIN)	2017	Academic & Research	Principal, IIC Coordinator, HOD, 3 students and 5 faculty, 4 students
Juniper Private Limited	2017	Education & Research	Principal, IIC Coordinator, HOD, 3 students and 4 faculty
Institute of Animal Health & Veterinary Biologicals (IAH&VB)	22.9. 2017	Research, Education and development of new technologies	Principal, IIC Coordinator, HOD, 3 students and 4 faculty
System Consultant Information India Pvt. Limited	2017	Consultancy Projects	Principal, IIC Coordinator, HOD, 3 students and 3 faculty
ETA PRO Technologies Pvt. Ltd,	2017	R&D Projects	Principal, IIC Coordinator, HOD, 3 students and 2 faculty

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES						
4.1 Physical Facilities						
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year						
Budget allocated for infrastructure augmentation			Budget utilized for infrastructure development			
Rs. 6.8 Crores			Rs. 3.023 Crores			
4.1.2 Details of augmentation in infrastructure facilities during the year						
Facilities				Existing		Newly added
Campus area (in acres)				51.40		00
Class rooms				147		03
Laboratories				144		10
Seminar Halls				14		00
Classrooms with LCD facilities				102		28
Classrooms with Wi-Fi/ LAN				145		02
Seminar halls with ICT facilities				14		01
Video Centre				01		00
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				85		Rs. 926.1 lakhs
Value of the equipment purchased during the year (Rs. in Lakhs)				Rs. 2214.56 lakhs		Rs. 958.26 lakhs
Others				-		-
4.2 Library as a Learning Resource						
4.2.1 Library is automated {Integrated Library Management System (ILMS)}						
Name of the ILMS software		Nature of automation (fully or partially)		Version		Year of automation
Libsoft		Fully		Cloud 12.0		2017
4.2.1 Library Services:						
	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value (Rs.)	No.	Value (Rs.)
Text Books	2380	21,09,704	2867	16,44,325	5247	37,54,029
Reference Books	374	10,55,812	225	11,28,870	666	21,84,682
e-Books	22,000	4,61,700	7000	6,56,433	29000	11,18,133
Journals	233	6,76,864	0	7,07,359	233	13,84,223
e-Journals	8611	36,85,200	0	24,56,600	0	61,41,800
Digital Database	-	-	01	18,61,792	01	18,61,792
CD & Video	-	-	-	-	-	-
Library	-	-	01	1,59,300	-	-

automation						
Weeding (Hard & Soft)	Nil	Nil	Nil	Nil	Nil	Nil
Others (specify)	-	-	TEQIP 1.2 (28 Books) CoE 1.2.1 (65 Books)	1,25,166 6,42,620	88	8,65,997

4.2.2 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & **Institutional (Learning Management System (LMS) etc**

Name of the teacher/s	Name of the module	Platform on which module is developed	Date of launching e - content
Dr. Neethi Ghiya	Applied Mathematics-I	Quiklrn platform	2017-18
Dr. Tribikram Gupta	Engineering Physics		
Dr. Radhakrishna K	Elements of Civil Engineering		
Dr. B.S. Suresh	Computer Aided Engineering Drawing		
Dr. Anitha G.S.	Elements of Electrical Engineering		
Prof. B.T.Chitra	Constitution of India Legal Studies for Engineers		
Prof. R.Mahesh	Engineering Chemistry		
Prof. Lalitha V P	Programming in 'C'		
Dr. Uma B V	Basics of Electronics Engineering		
Dr. B. Anand	Basics of Mechanical Engineering		
Dr. Neethi Ghia	Applied Mathematics-II		

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MGBPS)	Others
Existing	2240	70	300	01	01	01	16	1 (Backbone)	01**
Added	524	03	50	--	--	--	--	1/10	02***
Total	2633*	73	350	01	01	01	16	1/10	03

Note:

* 2764 – 131 (Disposed) = 2633.

** Interdisciplinary Research Centre (IDRC)

***CoE in IoT and (RVINC) Incubation Centre.

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

350 MBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and
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	recording facility
Digital Media Centre	Repository of Lecture Capturing facility mentioned alongside:- http://112.133.207.133/manage/foldercontent.html?folder=videos
NPTEL Videos	Repository of NPTEL Videos collected from IIT-Madras is made available in the Intranet through the following Link: http://172.16.44.44/nnptel.html
QEEE lecture Videos	Repository of QEEE Lecture videos are made available through the Intranet Link: http://172.16.30.122/umesh/elearning/elearning.php
Quiklrn	<p>The Quiklrn platform provides a conducive environment for technology enabled learning by providing the students with relevant content from the RVCE faculty.</p> <p>The First Year Scheme & Syllabus, Lesson plan, Course Content, Videos and Power Points Presentations (ppt's) are uploaded on to the portal. Assessment is also conducted using the Quiklrn Platform.</p> <p>The resource is made available through the following portal: http://quiklrn.com/students.php</p>

4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities (Rs.)	Expenditure incurred on maintenance of academic facilities (Rs.)	Assigned budget on physical facilities (Rs.)	Expenditure incurred on maintenance of physical facilities (Rs.)
1522.04	1061.2	200.00	224.12

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

At the R.V. College of Engineering, we have established clear policies and procedures to create, maintain and upgrade the Infrastructure for enhancing the Teaching-Learning process at regular intervals of time. We consider Human resource as the pivotal and most important assets and follow proper systems and processes to recruit, maintain, and retain our Staff members (in Teaching, Technical and Administrative roles). We also provide impetus on expending the budgets in creating and maintaining state-of-the-art Facilities in terms of Buildings, Student spaces, Laboratory equipment, Teaching aids, Learning resources, etc to enhance the overall student experience at our institution.

Classrooms:

We have adequate number of spacious Classrooms (150 nos.) with proper ventilation and natural lighting for conducting Theory classes. Ergonomically designed benches have been provided for students.

Teaching aids (use of Information and Computer Technology - ICT)

1. Smart Boards (18 nos.) have been installed in the Campus, one in each Department for improving the Teaching-Learning process
2. 130 Classrooms with LCD Projectors
3. 147 Classrooms with Wi-Fi/LAN enabled Internet connectivity in the Classrooms

Seminar halls & Auditorium:

1. Overall 14 Seminar halls with state-of-the-art ICT facilities to conduct College-level Events, State, National & International Conferences, Workshops and Symposia.
2. One large Auditorium with best in class ICT facilities to conduct College-level Events, State, National & International Conferences, Workshops and Symposia.

Laboratories (Labs)/Workshops:

All the **154 Laboratories (Labs) / Workshops** are well-equipped with latest state-of-the-art equipment's and materials not only to cater towards imparting of Curriculum related aspects to students as well go a level above in acting as a catalyst to motivate students to engage in Research related activities too. The Labs and Workshops are maintained well with regular/periodical upkeep done by professionals.

Central / Main Library and Departmental Libraries:

The Library set-up consists of the **Central / Main Library along with 12 Departmental Libraries** attached to the respective Departments, which collectively support the educational needs of students belonging to all the programmes/specializations being offered on campus.

The Libraries contain a vast collection of **Semester books, Reference books, Competitive exam books, Bound volumes, Journals, Conference proceedings, e-Books, CD's /DVD's, student Thesis, Dissertations, Periodicals, e-Journals**, etc.

Library automation:

The Library has Fully automated all its services by implementing **Libsoft 12.0 Cloud version software for all Library related activities in the year 2017.**

Library services:

Library with Open access, WEB OPAC Search (Author, Title & Accession No.), Books Transactions (Issue, Return & Renewal), books are arranged as per Dewey decimal classification (DDC – 21st Edition). The link is:- **Web OPAC (Within Campus link** <http://172.16.2.117/opac/>) **(Outside Campus link** <http://112.133.207.137/opac>)

e-Journals / e-Resources:

e-Journals / e-Resources have been subscribed to by the college through the VTU Consortium (7673 Online Journals). These e-Journals / e-Resource are IP enabled and can be accessed from anywhere inside the campus. Institutional subscription to Skill Soft e-Books 24*7; there are around 29000 e-Books pertaining to Engineering Pro and IT Pro streams. <https://rvce.edu.in/lib-journals>

Digital Library Resources:

The Library is subscribing to e-Resources for all the Programmes, namely - Undergraduate, Postgraduate, Master's of Computer Applications (M.C.A) through the Vishveshwaraya Technological University (V.T.U) e-Resources Consortium. These resources are Internet Protocol (IP) based and can be accessed anywhere in the campus only. They are made available through the college Website using the link:- <https://rvce.edu.in/lib-journals>

Computer systems Networking in the Library:

Readers can leverage upon the Networking facility provided in the Library which consists of Computer systems (60 PC's with 2 Printers) connected to the Internet for accessing digital libraries as well as in preparing assignments, research activities, etc.

Previous semesters / years Question papers:

Readers can also access Previous Semesters / Years Question Papers on the Library page on the college website in the link given along side:- <ftp://172.16.44.44/QUESTION%20PAPERS/>

NPTEL:

NPTEL Videos are uploaded in the following Internet Protocol (IP) link and can be accessed by students/faculty within the campus. Repository of NPTEL Videos collected from IIT-Madras is made available in the Intranet through the following Link: <http://172.16.44.44/nnptel.html>

Developing Library Network (DELNET):

In case of non-availability of specific Books, Journals, e-Journals articles at the Central / Main Library or Departmental Libraries; the same can be accessed through DELNET using the link:- <http://delnet.nic.in/>

Issuance and return of books:

Issuance / Circulation of Books – Semester books for UG & PG sections will be issued for readers.

Reference Services - Reference books are for reference only inside the respective Libraries; not issued to readers.

Book Bank Facility – This facility is provided exclusively for SC/ST students; additional two books are

issued apart from the books in the stack area each semester.

User awareness Programme - Library facility and services orientation programme is given for the new students and faculties.

Reprographic Services are centralized.

Newspapers - Library receives 8 English and 7 Kannada newspapers and 12 magazines, which are displayed in the Newspaper section.

Collection of rare books, manuscripts, special reports or any other knowledge resource for Library enrichment:

The Central / Main Library along with the respective Departmental Libraries maintain a collection of rare books and other knowledge resources as standards, Dissertation/Thesis of Master's and Doctoral courses, Conference proceedings, etc. Also, students are advised to access the link for more information regarding rare books:- <https://ndl.iitkgp.ac.in/>

Sports and Extra-curricular activities:

The college gives importance to all-round development of its students by encouraging them to participate in sporting and cultural activities to stay physically fit as well as improve their creativity, interpersonal and organizing skills. The Cultural Activities Team (CAT) at the College level is a think tank comprising of like-students with a creative bent of mind who organize various Cultural programmes for students through the year. They also participate at Inter-Collegiate fest and events. The Physical Education Department is well-equipped with required infrastructure to train students on various indoor and outdoor games and events. The Old Sports Complex and New Sports Complex provide students with facilities to engage in sporting activities such as Indoor Shuttle Badminton, Carom, Table tennis, Cricket, etc. The students can also make use of the Gymnasium. The college organizes in-house sporting events as well as it also encourages students to excel in sports as University level, National and International level. Currently two students have represented our country in the Swimming discipline in the recent Asian Games. Sporting greats who have studied at our institution at the International level are Mr. Anil Kumble (Cricket) and Mr. Chetan Baboor (Table Tennis).

Computers & Information Technology (I.T) Infrastructure Maintenance:

The College has the following Computers & Information Technology (I.T) Infrastructure, namely

- 73 Computer Labs,
- 2633 Computers,
- 1 Browsing Centre,
- Servers,
- Data Centre,
- Internet Bandwidth of 300 MBPS with Wi-Fi connectivity.

Information Technology (I.T) related issues in the campus are logged through an internal portal. Calls are assigned to the technicians and after completion, the status is updated. The activity is being managed internally. The URL is http://172.16.2.112/IT_Maintenance/Complain-Management-System/login.php

An in-house I.T Maintenance team comprising of experienced Networking professionals handles the I.T Infrastructure – Computer Labs, Computers, Browsing Centre, Servers, Data Centre, Internet, Firewall, etc of College/Departments on a daily basis. At the Departmental level, Computer labs are also maintained by the I.T Coordinators of the respective departments who handle any minor software or hardware issues.

Computers & Peripherals, Network Infrastructure:

Preventive / Routine maintenance is handled by the respective department technical staff.

Breakdown maintenance is handled by the IT maintenance cell.

Servers:

Hardware Maintenance of Servers has been outsourced.

Services:

All IT Services are managed internally with some minor external vendor/ OEM support.

Software:

Apart from the perpetual licenses the other software are regularly renewed with the respective vendors.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Fee Concession	56	50,48,500.00
	SAARTHAKA TRUST	51	2,30,000.00
	ASCE STUDENT CHAPTER	12	1,00,000.00
	Department of E&CE	01	1,500.00
	Vishalakshi memorial Award	02	50,000.00
	Infineon Scholarship Award	02	64,000.00
	Arunodaya Scholarship	04	60,000.00
	IEEE PES India Scholarship Award(IPISA)	01	50,000.00
Total		128	Rs. 56,04,000.00

[illegible]

a) National	<p>General</p> <p>City Municipal Council M/s Raghuvendra Singh Foundtaion RVCE Alumni Association AICTE J&K Studetns KMDC Loan (For Minorities) D.DevarajArus OBC Loan Citrix R&D Pvt (Placement Dept) Sitaram Jindal Scholarship N H F D C Delhi</p> <p>State Govt</p> <p>SC/ST Scholarship (Lower Income) SC/ST Fee Concession (free Ship) BCM (OBC) Scholarship (Lower Income) Merit Cum Means for Minorities. PU Board Higher Education (MHRD Fresh)</p> <p>Non - Government Schemes*</p> <p>Cognizant Foundation Scholarship ABB JDF Foundation Schneider Electric India Foundation KPMG RSFS GE Citrix</p>	<p>3634 + 113*</p>	<p>Rs. 6,38,90,350 + Rs. 58,42,890*</p>
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	Foundation for Excellance Oracle Mercedes Benz Scholarship ABB JD SCHOLARSHIP Hindustan Aeronatics limited meri scholarship Schnider Electric India Foundation IEEE PES INDIA SCHOLARSHIP Prime Minister Scholar ship scheme		
Grand Total		3747	Rs. 6,97,33,240.00
b) International	American Society for Civil Engineers	01	Rs. 60,000
*Scholarship from non-government agencies			
5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,			
Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
1. Soft skill development,		2517	ACQUIRE-TECH, Corporate Knowledge Solutions, EDUQUITY, FINNESE, FLAMBEAU, GLOBARENA, IL & FS, , I-POINT, ISQT, IU-Training, Lead 2 Success, Loratis, Mind Space NEXT-LINK, RESONANCE, RESURGENT, SCALE, Seventh Sense, SHINE, ZEN, Meta I, Ethnus Mind Skillz, BIZOTIC, Genesis, SMART Training, Universal Education, Unique Consultants, 10 Seconds Quantech, Productivity Reach
2. Remedial coaching,	14 th Feb 2018 27 th Feb 2018 2 nd March to 9 th March	1500	All departments
3. Language lab,	Aug 2017 to Nov 2017, Jan-2018 to May 218	1175	Pearson India Education Services Pvt. Ltd.
4. Bridge courses in Mathematics.	29 th Aug. 2017- 07 th Nov 2017 09 th Jan 2018 – 04 th April 2018	85 128	Dept. of Mathematics, & Dept. Of CSE, Dept. of Mathematics & Dept. of CSE

5. Yoga and Meditation	21 st June 2017	150	Mrs. Latha Shekar Amrutha Yoga Kendra 9448983383
6. Personal Counselling	Complete semester	4240	Teaching faculties of the Department

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2017-18	GRE	6	50	7	5
	CAT	3	20	2	2
	GATE	3	15	4	-
	UPSC	2	10	2	2

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
08	08	04 days

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus
Name of Organizations Visited	Number of Students Participated	Number of Students Placed (No. of offers made)	Number of Students Placed
ABB, ACCENTURE, ACCOLITE, ACI WORLDWIDE, Aco Tech, ADOBE, AIRTEL, AKAMAI, Alpha 9 Marine, AMADEUS, AMAZON AWS, Analog Device, ARM, ASTROGATE LABS, ATHER ENERGY, ATOS, AVAYA, AVTEC, Barclays, BEL, Berger Paints, BIDGELY, BIGBASKET, BOEING, BOSCH, Bostan (BCG), Brigade, BUYHATKE, BYJUS, CA TECHNOLOGIES, CAPTEMINI, CATAMARAN, Catersian Consulting, Centum Electronics, CERNER, CISCO, CITRIX, Clear Tax, Coffee Day, Cognizant, Conflux, CURL ANALYTICS, Cyient, CYPRESS, DELOITTE, E Government, ENDURANCE, Epiroc, Ernst and Young, EXL SERVICES, Extramarks, Federal Mogal, Fintellex, FRACTAL ANALYTICS, FUTURE SUPPLY CHAIN, FUTURES FIRST, GE General, GE, GE INDIA, GE Suz, Genesys,	850	1191	05

<p>GIGSKY, Global Ip Service, GOLDMAN SACHS, Greaves Cotton, Gwinniebee , Harman International, HCL TECHNOLOGIES, HERO MOTO CORP, HFFC (Home First Finance Company (HFFC)), Holiday IQ, Honda Motors, HONEYWELL, HPE, HPE ARUBA, HSBC, HUL, HUL ET SC MAKE, HYUNDAI MOBIS, IBM, IEXCEED, IG Consulting, Impact Analytics, Infinera, INFOSYS GENERIC, INFOSYS POWER, INTEL, INTUIT, INVARIATEC, ITC ABD, ITC Foods, ITTIAM, JohnControls, KPIT, KPMG - KPMG - GDC KPMG - RC, Kumar Organic, L&T INFOTECH, L&T TECH SERVICES, LendingKart, LOGMEIN, LOWES, MAGNITUDE, Mahindra & Mahindra, MAHINDRA COMVIVA, MAST GLOBAL, McAfee, MCKINSEY, MEDIA IQ, MEDIATEK, Mendios, Mercedes Benz, metripping, MicroChip, MICROFOCUS HPE, Microsoft, MindTree, MISCO, MORGAN STANLEY, MUSIGMA, MYNTRA, NATIONAL INSTRUMENTS, NCR Corporation, NEXT SCM, NUTANIX, O9 Solutions, OLA - SDET , Open Silicon, OPTUM, ORACLE, Orient Cement, Panjab National Banking, Pattern Effect Labs, Paypal, PERFIOS, PERNOD RICARD INDIA, PWC, QUALCOMM, QUEST GLOBAL, QUIKR, Quinties IMS, RAMBUS, RAZORPAY, REDBUS, Reliance (RIL), RIVERBED, ROBERT BOSCH, RUBIQUE, Rystard Energy, SABRE, Samsung, SANDISK, Sandvine, SAP, sapient, Secure Meters, Shirdi sai Neutraceuticals Company - Research Scientist, SIEMENS, SIGNAL CHIP, SiliConch, SLING MEDIA, SMARTLY BUILT, SONY, STANDARD CHARTERED BANK, State Stree, Stellarvaluechain, STELLIUM, Synchron, Taal Tech, TALLY SOLUTIONS, TAPZO, Target, Tata Communication, TATA ELXSI, Tata Steel, TCE, Tejas Network, TEKTRONIX, TEMENOS, Texas Instruments, The Math Company, Timken, TORRY HARRIS, Total Enviornment, Toyota , Tredence, TVS, UBS, Unisys, ValueBound, VE VEHICLE, VEDANTA, VISA, VMWARE, Volvo - GET, WALMART, WEBMOBI, Weg , Weir ensc, WIPRO, WOOD GROUP, YATRA.COM, ZAPCOM, ZAPR MEDIA LABS, ZS Associates, Zycus,</p>			
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5.2.2 Student progression to higher education in percentage during the year					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2017-18	35	BE	Civil Engineering	University of Illinois,USA	MS-Construction Management
		BE	Civil Engineering	Leeds University,UK	MBA
		BE	Civil Engineering	Delft University of Technology, Netherlands	MS-Transport and Planning
		M Tech	Structural Engineering	Delft University of Technology, Netherlands	MS-Construction Management
		BE	Civil Engineering	IIT Bombay	M Tech-Oceanography
		BE	Civil Engineering	NITIE,Mumbai	MBA
		BE	Civil Engineering	NICMAR,Pune	M Tech-Construction Management
		BE	Civil Engineering	IIM Vishakapatnam	MBA
		BE	Civil Engineering	R V College of Engineering	M Tech-Structural Engineering
		BE	Civil Engineering	R V College of Engineering	M Tech-Highway Technology
		BE	Civil Engineering	R V College of Engineering	M Tech-Highway Technology
		BE	Civil Engineering	R V College of Engineering	M Tech-Highway Technology
		BE	Civil Engineering	Bangalore Institute of Technology	M Tech-Structural Engineering
		BE	Chemical Engineering	Carnegie Mellon University	M S in Chemical Engineering
		BE	Chemical Engineering	University of Western Ontario	MeSC in Chemical and Biochemical Engineering

		BE	Chemical Engineering	University of Michigan	MS in Chemical Engineering
		BE	Chemical Engineering	University of Washington	MS in Chemical Engineering
		BE	Chemical Engineering	University of Florida	MS in Chemical Engineering
		BE	Information Science & Engineering	University of Florida	MS
		BE	Information Science & Engineering	University of Southern California	MS
		BE	Information Science & Engineering	Carnegie Mellon University	MS
		BE	Information Science & Engineering	Carnegie Mellon University	MS
		BE	Information Science & Engineering	Columbia University	MS
		BE	Information Science & Engineering	NMIMS Mumbai	MBA
		BE	Information Science & Engineering	RV College of Engineering-Software Engineering	M.Tech
		BE	Information Science & Engineering	University of Massachusetts Amherst	MS
		BE	Information Science & Engineering	University of Southern California	MS
		BE	Telecom. Engg	MIT's Supply Chain Management Residential	MIT SCMr Program

		BE	Telecom. Engg	The George Washington University School of Business	Master of Science program in Business Analytics
		BE	Telecom. Engg	NUS, Singapore	Master of Science in Business Analytics
		BE	Telecom. Engg	University of Massachusetts	Master of Science in Computer Science Programme
		BE	Telecom. Engg	Hongkong University of Science & Technology	Master of Science (MSc) in Electronic Engineering

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
GATE	17	CS18S31229263, CH17S71214042, EE18S61102004, EE18S61220120, EC18S51209131, EC18S51209060, EC18S51215079, BT18S41216333, BT18S43030283, 2487991, 2232913 1784517, 2530552, 2353760, 2310964, 1596345 1RV13CV042
GMAT	05	1RV13CV060, 1RV13CV069, 1RV13CV077 100002942482, 310030648
CAT	06	7090301, 7150163 1RV13CV107, 1RV13CV117, 1RV13CV040, 7004012
GRE	32	2453202, 558351, 5583581, 2452774, 591972, 3492396 1055325, 1980636, 913264, 1520523, 1808449, 520523, 1985310, 172 3300 1RV13CV091, 1RV13CV128, 1RV13CV009, 1RV13CV081 3799904, 91096657, 3846047

		5988866, 322, 5696100, 310 2487991, 1784517, 1529672, 2353760, 2530552, 2310964, 1596345, 2232913
TOFEL	33	3200 3085, 3169 4477, 3212 2738, 1520523, 0970753, 0000 0000 3207, 0797/1985310, 0000 0000 2872, 2227 /5578189, 0000 0000 3160 1097/ 1723300, 1980636, N1626597, 0000 0000 3185 4752 0000 0000 32211118, 0000 0000 3243 529 0000 0000 32253121, 0000 0000 3121 8136 0000 0000 3223 4224, 0000 0000 31542695, 0000 0000 3355 2021 0000 0000 3159 6567, 0000 0000 3176 2661, 0000 0000 3098 2182, 0000 0000 3207 0797, 0000 0000 3160 1097, 0000 0000 34406363, 0000 0000 3223 4224, 0000 0000 3185 4752, 0000 0000 32211118, 0000 0000 3243 529, 0000 0000 32253121, 0000 0000 31542695, 0000 0000 3121 8136
Civil Services	2	0091844, 0614880
State Government Services	06	1RV13CV120, 1RV13CV112, 1RV13CV085,1RV13CV016 10413, 20744
5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
8 th mile 24 th and 25 th March 2018	National [Cultural activities]	800
Bangalore South Zone Football	University level	450
South Zone Hockey Tournament		360
South Zone Badminton tournament		270
South Zone Basketball tournament		510
Chamaraju Memorial Cricket	State level	500

Tournament						
Momentum Tournament			University level		1000	
D A Pandu Memorial Chess Tournament			University level		45	
5.3 Student Participation and Activities						
5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)						
Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2017-18	100 mtrs relay-Bronz 200mtrs free style silver 100 mtrs butterfly bronz Held at Bhutan 07th to 11 Oct 2017	International	Swimming		1RV16CV019	AVINASH MANI
	4x100Free style relay, 4x200Free style relay Held at TASHKENT From 9th to 16th September. 9th Aisan Age group Championship 2017	International	Swimming		1RV16CV019	AVINASH MANI
	9th Asian age group championships 2017 held at Tashkent, Uzbekistan and secured 2 bronze medals in 4x100 & 4x200 Free style relays.	International	Swimming		1RV16CV019	AVINASH MANI
	World University shooting sport Championship 2018 held at Kuala Lumpur, Malaysia from 14th to 18th March 2018. secured bronze medal in 10 Meter Air Rifle Men Team in FISU.	International	shooting		1RV16IM063	TEJAS K
	First place in group dance at Scintillation 17 held at jyotinivas college in association with ministry of	National		Cultural	1RV15CS183	Vindhya N

	Karnataka					
	Secured second place in Nail Art held at 8th Mile on 24th -25th March	National		Cultural	1RV14CS100	Aditi S Kulkarani
	Won the cricket tournament held at MSRIT Conducted on 21-04-18 To 3-04-2018	National	Sports		1RV14CS112	Anjani Kumar
	Runner of inter collegiate cricket tournament conducted by srichamaraju memorial state level Cricket tournament	National	Sports		1RV14CS112	Anjani Kumar
	First place in Razzmatazz(Dance) REVELATION 2016 Conducted by symbiosis institute of business management on 20 to 21st January 2017	National		Cultural	1RV15CS183	Vindhya N
	Secured first place in Arm Wrestling held at 8th Mile on 24th -26th March	National	Sports		1RV14CS105	AkshatMailik
	Secured first place in Mixed Doubles division Table tennis tournament conducted by Tuticorin Gymkhana Club On 31-01-2017	Natioanl	Sports		1RV13CS172	Varun P
	Participated in 5K run at Utsarga Marathon 2017 conducted by NSS RVCE on 12th NOV 2017	National	Sports		1RV13CS170	WajathathNazal
Event: Cultural-Alaap (Vocal Music)						
	International Conference, Italy	Internation al		Cultural	1RV14ME087	Shivaraj Natraj

	1 st Place : Acoustics Acapella 2 nd Place : Taarang 3 rd Place : Powerchords	National		Cultural	1RV14EC023, 1RV15CS125, 1RV14IS018, 1RV14ME087, 1RV14IS053	Anirudh Koushik, Ram Srinivas, Sanath Shanbhogue, Shivaraj Natraj, Srishankar Sundar
	1 st Place : Acoustics 2 nd Place : Battle of Bands (BSOR)	National		Cultural	1RV14EC023, 1RV15CS125, 1RV14IS018, 1RV14ME087, 1RV14IS053	Anirudh Koushik, Ram Srinivas, Sanath Shanbhogue, Shivaraj Natraj, Srishankar Sundar
	Winners Prize handed over by Raghu Dixit himself.	National		Cultural	1RV14EC023, 1RV15CS125, 1RV14IS018, 1RV14ME087, 1RV14IS053	Anirudh Koushik, Ram Srinivas, Sanath Shanbhogue, Shivaraj Natraj, Srishankar Sundar
	Winners of Maruti Suzuki Vitara Brezza, Prize handed over by Benny Dayal and Neeti Mohan	National		Cultural	1RV14IS018, 1RV14ME087,	Sanath Shanbhogue, Shivaraj Natraj,
	Festermber, NIT Trichy 1st Place	National		Cultural	1RV15BT014	Harshita Srinivasan
					1RV15BT048	Smruti Pimplikar
					1RV15BT051	Srikanth B. S.
					1RV15CS037	Arunachalam Suresh
					1RV15EC094	Nikhil Thilak
					1RV15IM020	Harith Talikota
					1RV16CS007	Adithya V.
					1RV14BT004	Aishwarya Bhat
	Saarang, IIT Madras 3rd Place	National		Cultural	1RV15BT051	Srikanth B. S.
					1RV15IM020	Harith Talikota
					1RV16CS007	Adithya V.
					1RV16CS155	Soumadeep B.
					1RV16CS016	Akshata Katyayana
					1RV16IM009	Amulya Acharya
					1RV16IM060	Archana B. G.
					1RV14BT004	Aishwarya Bhat
					1RV14CS003	Abhilash S.
					1RV14EE037	Prineeth
	BITS, Goa	National		Cultural	1RV15BT048	Smruti

	1st Place					Pimplikar
						Shivangi Awasthi
					1RV15EC138	Harith Talikota
					1RV15IM020	Arunachalam Suresh
					1RV15CS037	Soumadeep B.
					1RV16CS155	Maithreyi Pejathaya
					1RV17FIM19	Aishwarya Bhat
					1RV14BT004	Ashvin Suresh
					1RV14EE030	Ninisha Pradhan
	JNC - 2nd Place	National		Cultural	1RV15BT025	Arunachalam Suresh
					1RV15CS037	Harith Talikota
					1RV15IM020	Vikram Kumar
					1RV15ME122	Rebecca Maria D'silva
					1RV16ME122	Ruchita R. Biradar
					1RV17CS010	Aishwarya Bhat
					1RV14BT004	Harshita Srinivasan
	Festermber, NIT Trichy 1st Place	National		Cultural	1RV15BT014	Smruti Pimplikar
					1RV15BT048	Srikanth B. S.
					1RV15BT051	Arunachalam Suresh
					1RV15CS037	Nikhil Thilak
					1RV15EC094	Harith Talikota
					1RV15IM020	Adithya V.
					1RV16CS007	Aishwarya Bhat
					1RV14BT004	Srikanth B. S.
					1RV15BT051	Harith Talikota
	Saarang, IIT Madras 3rd Place	National		Cultural	1RV15IM020	Adithya V.
					1RV16CS007	Soumadeep B.
					1RV16CS155	Akshata Katyayana
					1RV16CS016	Amulya Acharya
					1RV16IM009	Archana B. G.
					1RV16IM060	Aishwarya Bhat
					1RV14BT004	Abhilash S.
					1RV14CS003	Prineeth
					1RV14EE037	Smruti Pimplikar
	BITS, Goa 1st Place	National		Cultural	1RV15BT048	Shivangi Awasthi
					1RV15EC138	Harith Talikota
					1RV15IM020	Arunachalam Suresh
					1RV15CS037	

					1RV16CS155	Soumadeep B.
					1RV17FIM19	Maithreyi Pejathaya
					1RV14BT004	Aishwarya Bhat
					1RV14EE030	Ashvin Suresh
					1RV15BT025	Ninisha Pradhan
	JNC - 2nd Place	National		Cultural	1RV15CS037	Arunachalam Suresh
					1RV15IM020	Harith Talikota
					1RV15ME122	Vikram Kumar
					1RV16ME122	Rebecca Maria D'silva
					1RV17KCS10	Ruchita R. Biradar
					1RV14BT004	Aishwarya Bhat
	VIT Vellore - 1st Place	National		Cultural	1RV15CS037	Arunachalam Suresh
					1RV15IM020	Harith Talikota
					1RV15ME122	Vikram Kumar
					1RV16ME122	Rebecca Maria D'silva
					1RV17KCS10	Ruchita R. Biradar
					1RV14BT004	Aishwarya Bhat
Event: Cultural, Debate						
	Manipal Institute of Technology Semi-Finalist	National		Cultural	1RV15ME060	Piali Bopanna
					1RV15EC180	Vasundhara Paul
					1RV15AS047	Nishanth S
					1RV14CS191	Ananth M
					1RV16BT002	Akashraj M
					1RV16AS046	Sameeksha Rao
	PES Debate Tournament Semi-Finalist & Best Speaker	National		Cultural	1RV15ME060	Piali Bopanna
					1RV15EC180	Vasundhara Paul
					1RV15AS047	Nishanth S
					1RV14CS191	Ananth M
					1RV14CH001	Advash Jalan
					1RV14EC086	Mayank S
					1RV15BT046	Shruthi S
					1RV16BT041	Sanutha Shetty
	MS Ramaiah Memorial, Bangalore - Finalist	National		Cultural	1RV14CS191	Ananth M
					1RV16BT041	Sanutha Shetty
					1RV15ME060	Piali Bopanna
					1RV15EC180	Vasundhara Paul
					1RV15AS047	Nishanth S
					1RV14CH001	Advash Jalan
	NALSAR, Hyderabad Semi-Finalist	National		Cultural	1RV15ME060	Piali Bopanna
					1RV15AS047	Nishanth S
					1RV14CH001	Advash Jalan
					1RV16BT002	Akashraj M
					1RV16AS046	Sameeksha Rao

					1RV15BT046	Shruthi S
					1RV16AS007	Anagha S
	IIT Bombay Debate, Mumbai Finalist	National		Cultural	1RV16BT002	Aakashraj M
					1RV16AS046	Sameeksha Rao
					1RV15ME060	Piali Bopanna
					1RV15EC180	Vasundhara Paul
					1RV15AS047	Nishanth S
					1RV14CS191	Ananth M
					1RV14CH001	Advash Jalan
					1RV14EC086	Mayank S
					1RV15BT046	Shruthi S
					1RV16BT041	Sanutha Shetty
	Asian British Parliamentary Championship, Krabi, Thailand Pre-Quarterfinalist	National		Cultural	1RV16BT002 1RV16AS046	Aakashraj M Sameeksha Rao
	Ramaiah Law, Bangalore Novice Finalist	National		Cultural	1RV15ME060 1RV15AS047 Roll No 56 Roll No 05 1RV16CSE14	Piali Bopanna Nishanth S Suhas S Vishwa Bhat Samarth Sashidhar

5.4 Alumni Engagement

5.4.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):**YES**

The Alumni Association of RVCE [AARVCE] was registered in the year 1982 under the Society act. It is doing service to the society and also supporting for institutional growth through Alumni Bridge. The Association (AARVCE) is regularly planning and executing meaningful event in the institution through the departments in fulfilling its vision. We are proud to mention that few notable alumni are in close contact with their departments who facilitated to establish an industry supported laboratories in the institution.

The **annual get-together** of the Association is scheduled on **15th August** (Indian Independence day) every year in RVCE campus. The day begins with flag hoisting followed by traditional celebration with the involvement of NCC candidates. The office bearers of the Association actively participate in the proceedings and interact with the Alumni who attend the get-together. In order to further strengthen the activities, the office bearers meet once in a month (Last Saturday) in the campus and interact with Alumni coordinator of all the departments. This keeps the process alive and reduces the gap between each activity. As a result of this the institution and association jointly suggested to have alumni interaction(get-together) department-wise every month as under:

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov
Dept	CE	EEE	ME	ECE	IEM	EIE	CHE	CSE	TCE	ISE	BT

The proposed model is introduced since 2016 and the outcome of the event is satisfactory.

The Association on an ongoing basis honours the outgoing meritorious students (silver medal to 2nd rank

holder of each UG and PG program) of the college. The Association has instituted scholarships on merit-cum-need basis for the undergraduates of the college. To fulfil the above activities and proposals the association requires to establish a strong network amongst the alumni.

The Association plans to setup guidance cell to aid the present and past students in the task of trying to give their future a definite and purposeful direction. The guidance cell, apart from assisting the placement cell, will also assist present students in availing project facilities in various industries in their area of interest.

The association has its own website <http://rvcealumni.org> . It posts alumni events, achievers, recent alumni news, and best career opportunities. RVCE Alumni Android application is also available in play store for the alumni to download on their mobile which gives them all the information of the association on the finger tips. The other tags available on the web site are Home, Alumni events, News, Gallery, Frequently asked question, Alumni jobs, App, Notable and funding.

Association board members are **Mr. S. RamaKrishna** *President*, **Mr. Gopal Bengeri** *Vice President*, **Prof. Srinath**, *Secretary*, and **Mr. Natesh Babu**, *Treasurer*.

SAARTHAKA TRUST – Registered alumni association of Civil Engineering, RVCE identifies meritorious among various disciplines of engineering for 50 years every year on second Saturday of September every year. Previous year 50 students were benefitted for an amount of 2,30,000.00

5.4.2 No. of registered Alumni: **11000**

5.4.3 Alumni contribution during the year (in Rupees) : **768987.00 (2017-18)**

Alumni of RVCE contributed the sum of Rupees 318987.00 through RVCE alumni association for scholarship, Medals etc.

A scholarship of Rs. 150000 was awarded split amongst two students by Batch of 2005 Chemical Engineering, in July 2018.

ECE Alumni contributed Rs. 300000.00 for the department

5.4.4 Meetings/activities organized by Alumni Association :

<i>Year</i>	<i>Number of alumni association meetings</i>	<i>Dates of meetings</i>	<i>No of members attended</i>	<i>Total no of alumni enrolled</i>
2017-2018	13	15-08-2017 26-08-2017 23-09-2017 29-10-2017 26-11-2017 06-01-2018	656	871

		27-01-2018		
		24-02-2018		
		24-03-2018		
		28-04-2018		
		26-05-2018		
		23-06-2018		
		28-07-2018		

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT
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6.1 Institutional Vision and Leadership
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VISION:

Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, with a focus on Sustainable and Inclusive Technology.

MISSION:

- To deliver outcome based quality education, emphasizing on experiential learning with state of the art infrastructure.
- To create a conducive environment for interdisciplinary research and innovation
- To develop professionals through holistic education focusing on individual growth, discipline, integrity, ethics and social sensitivity.
- To nurture industry-institution collaboration leading to competency enhancement and entrepreneurship
- To focus on technologies that are sustainable and inclusive, benefiting all sections of the society.

VALUES:

- To inculcate a strong sense of honesty, commitment to quality, ethics, teamwork and adapting and respecting the institutional and local culture
- A general sense of civility and decency in one's communication, appearance and behaviour

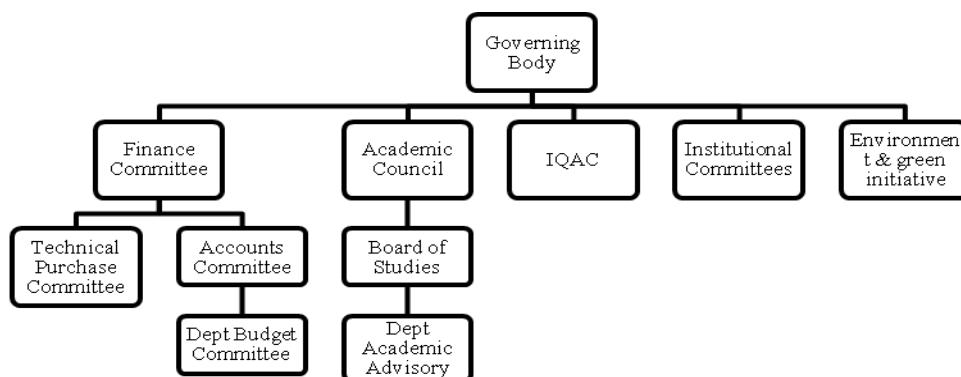
QUALITY POLICY:

- Excellence in Technical Education, Interdisciplinary Research and Consultancy through Outcome Based Curricula focusing on Continual Improvement by Benchmarking with Global Practices and beyond stakeholders expectations

6.1.1: Mention two practices of decentralization and participative management during the last year (Maximum 500 words)

Inclusiveness requires participation of various stake holders and openness in governance. To achieve good governance through Governing Body (GB), the GB takes the inputs from various branches of institutional committees, which requires leaders and dedicated team.

Based on the categorization RVCE has adopted the following flow.



The flow shows decentralization of implementation but single attainment assessment process. It gives equal opportunities on competence irrespective of gender. Keeping inclusiveness in mind various statutory and non-statutory committees have been set up in the institution for good and better governance, this also brings transparency.

Sustainability is an important factor of good Governance and it is important that all the stake holders act responsibly to achieve this. Strategic plan – identifying a clear development path for the institution, through its long-term academic, research and business plans is the responsibility of Governing Body.

6.1.2: Does the Institution have a Management Information System (MIS)?

Yes, Partially Implemented and work in progress for full implementation

SAP ERP package is introduced presently in Finance & Accounts, Human Capital Management & Materials Management. Student Life cycle Management in progress

6.2 Strategy Development and Deployment:

6.2.1: Quality improvement strategies adopted by the Institution for each of the following (within 100 words each)

In order to achieve the strategic goals, the institution governing team looks forward for contributions from every one inside the system and the stake holders. Student and faculty play an important role in building the reputation of the institution; to-days students are tomorrow's alumni who are the brand ambassadors. The long term plans have been laid down in the strategic plan document in consultation with Department committees, joint workshops of senior professors for strategy formulation.

The Institutional Monitoring Planning and Policy Implementation Committee (IMPPIACT) which consists of HoDs and Deans are responsible for continuous improvement through identifying needs, bringing in discipline, defining research activities, future plans etc.

6.2.2: Implementation of e-governance in areas of operations:

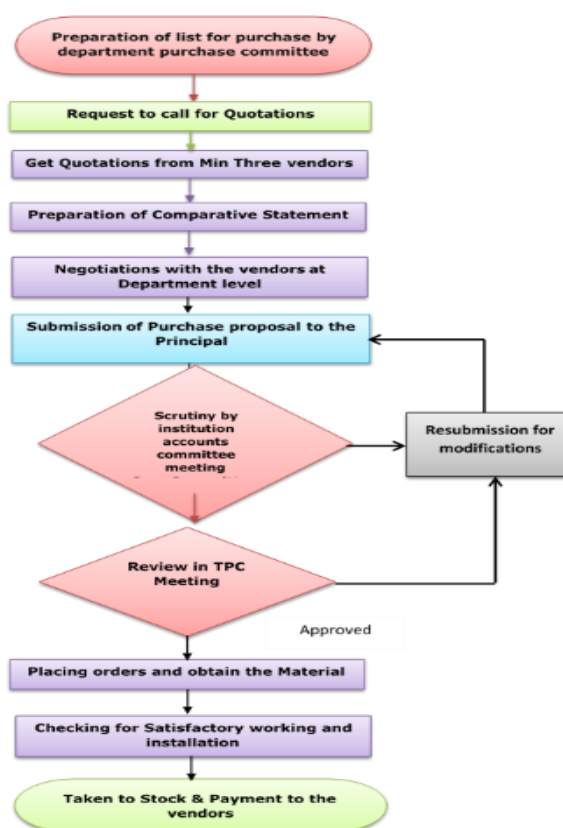
Institutional Governance - Planning, monitoring and record keeping practices:

Planning:

Every financial year budget proposals will be submitted by the individual departments with the consent with department purchase committee members. Finance section consolidates all the departmental budget proposals along with centralized expenses including, previous year's actual budget allocation and its utilization. Combined HoDs meeting will be called to finalize / modify the estimated budget. The same will be discussed and finalized in Finance Committee Meeting.

Monitoring:

The Recurring & Non Recurring expenses allocated as per the budget will be monitored to purchase as follows:



The purchase proposals as per the said procedure will be forwarded to Accounts section. Accounts section will verify whether the purchase are as per the institution's purchase procedure and checks the budget availability along with the utilization as on that date. The proposals will be forwarded to Management office-RSST to get Hon. Secretary's approval and sanction of the expenditure. As soon we receive the approval from RSST the files will be passed for payment.

Record Keeping:

As soon the payments made to vendors and others, the original invoice copy, sanction paper and payment passing sheet will be retained in Accounts section for audit purpose, remaining details with file will be forwarded to concerned department for their reference.

However, SAP ERP package is implemented wef 01.08.2018 in Finance & Controlling (FICO), Human Cost Management (HCM) & Materials Management(MM).

MM: (Materials Management): All the purchases will be routed through MM as follows:

5. Purchase Requisition (PR) will be initiated to get approval for the purchase. Based on the approval limit, the requisition will get approved through system.
6. As soon the PR get approved, the Request for Quotation (RFQ) will be placed for concerned approval. Based on the approval limit, the RFQ will get approved through system.
7. The quotation will be called, consolidated and the prices for the same will be maintained in MM. Based on the final negotiated price, comparative statement will be extracted. The vendor will be selected based on the least quote, technical specification etc.
8. Purchase Order (PO) will be placed for approval from the concerned authorities. Soon after the approval of PO, the will be send to concerned vendor. As soon we receive / obtain the materials / service, a transaction called MIGO for goods and Service entry sheet for services will be entered and the file will be handed over to Accounts section for payment.

HCM: (Human Capital Management)

The details of appointments, relieving, Increments, promotion, encashment, Leave without pay etc allowances or deductions related to staff will be received from Establishment section and will be keyed in HCM module. Other remunerations and statutory deductions will be entered / checked and the salary will be processed and a run number will be given to Accounts section to verify the mapping of General ledgers with amount. As soon the Accounts section authenticate the correctness, necessary postings will be made.

FICO (Finance & Controlling):

All the financial transaction whether it's a receipt or expenditure will be entered in FICO. Non PO items will be directly taken into FICO and purchases through PO will be processed by the T Code MIRO with interface of MM. HCM interface entries will be processed for payment of salary and other statutory deductions.

All the asset creation and asset capitalization will be done through FICO.

Cheque printing, invoice posting, Bank Reconciliation Statements etc will be processed through FI entries.

Record Keeping: All the documents related to above said processes can be digitally saved in SAP_DMS (Document Management System). At present, the documents are maintained both the ways in DMS & hard copies.

Other software for administration are:

Software	Vendor / Developer
Digital Campus-Online Fee payment module & Reports through PayUmoney gateway	Kotak Mahindra Bank Ltd in association with Digi Campus
Examination	In-house
Libsoft (Library Management System)	Environ Software Pvt Ltd
Admission module	In-house
Saral Accounts & GST (GST compliance)	Relyon Softech Ltd
Student Life Cycle Management (SLCM)	Under process by Yash Technologies

6.3 Faculty Empowerment Strategies:

6.3.1: Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year: 2017-18:

Sl. No.	Faculty Name	Dept.	Seminar / Conference	Place	Date	Amount of support
1	Dr S Satyanarayana	Chemistry	Attend one day workshop on "Are you CSR ready" at Mumbai	Mumbai	19th March 2017	14,234.00
2	Vishwanatha C N	Sports	Attended International Conference on Physical Education, Yoga and Sports Sciecncce	Kalbura gi	24th to 25th March 2017	5,900.00
3	Dr. C Bindu Ashwani	Placem ent	Participation in faculty development program in Psychology	Delhi	14th to 20th March 2017	28,042.00
4	Shyamala S & Anuradha V	Accoun ts	Attended the Seminar about GST	Bengalur u	12th May 2017	3,000.00

5	Dr. Jayapal R	EEE	Attended the two days Certificate programme on Grid connected Solar Rooftop PV System organised by TERI	Bengaluru	4th & 5th May 2017	14,375.00
6	Nethravathi K A	ECE	Attended the International Conference and present the paper on "Modelling and Analysis with Minerology based Spectroscopic ielectric Model in Wireless Technology"	Pune	7th to 9th April 2017	20,130.00
7	Dr Jayapal & S.K Venkatesh	EEE/Office	Attended the one day workshop on Achieving Organizational Excellence through Good HR Practices	Bengaluru	11th July 2017	8,050.00
8	Maheshwari DG & Yashodha T	ISE	Attended the training Programme on Dynamic Web Designing PHP	Bengaluru	12th to 23rd June 2017	7,420.00
9	KVS Rajeshwara Rao	IEM	Attended the PMSSS Workshop	New delhi	18th May 2017	27,780.00
10	Prashanth V	IEM	Attended and present a paper in three days National Conference on advances in Metrology - 2017	Gurugram	23rd to 25th March 2017	27,313.00
11	Mamatha T	CSE	Attended SFRF programme IIT Delhi - 2017	Delhi	18th to 23rd June 2017	11,610.00
12	Dr Ravindra Kulkarni	ASE	Attended the one day workshop at AICTE Delhi	Delhi	21st July 2017	22,652.00
13	Ujwal Shreenag M	Chemical	Attend workshop on Entrepreneurship	Bengaluru	10th to 14th July 2017	9,670.00
14	Nivya Muchikel, Kavitha T & Jayalatha G	Maths	Attended the International Conference on Fluid Dyanamics and its Application	Bengaluru	12th to 14th July 2017	9,000.00

15	Dr.Krupashankara	ME	Attended two days workshop on 3D Printing	Mumbai	21st to 22nd August 2017	12,000.00
16	Dr.P.V Srihari	ME	Attended two days workshop on 3D Printing	Mumbai	21st to 22nd August 2017	12,000.00
17	Dr Nataraj J R	ME	Presented of project titled "Cr-Free Welding of stainless steel welding"	Nagpur	4th Sept 2017	16,455.00
18	Shivandappa	BT	Paper Publication in International Journals			10,000.00
19	Dr Vijayalakshmi M N	MCA	Attended two days IOT Congress 2017	Bengaluru	14th to 15th Sept 2017	6,800.00
20	Dr.M Sridharan	Chemistry	Attended the International Science Festival 2017	Chennai	13th to 16th Oct 2017	3,028.00
21	Dr.Rajeswara Rao.KVS	IEM	Attended 59th National Convention of IIIE and Presenting a Paper in International Conference	Aurangabad	14th to 16th Sept 2017	17,400.00
22	Dr.N S Narahari	IE`	Attended 59th National Convention of IIIE and Presenting a Paper in International Conference	Aurangabad	14th to 16th Sept 2017	17,100.00
23	Shyamala S , Revathi M & Sudhan V s	Accounts	Attended the Symposium on Goods and Service Tax	Bengaluru	25th Nov 2017	6,000.00
24	Shylashree N	ECE	Presenting Research paper in Springer NCCS 2017	Ranchi	11-12th Nov 2017	18,046.00
25	Rajashekara Murthy S	ISE	Attended and present paper in International Conference ICACCI-2017	Manipal University	13th - 16th Sept 2017	17,798.00

26	Vanishree K	ISE	Attended the one day workshop	Bengaluru	23rd Nov 2017	2,360.00
27	Vishwanatha C N	Sports	Attended and Present paper in International conference on Sports Medicine and Sports Science	New delhi	07th to 09th Dec 2017	24,960.00
28	Shubha S	Physics	Attended the 5th IEEE international conference on MOOCs, innovation and technology in Education	Bengaluru	27th to 28th Oct 2017	5,000.00
29	Dr.N S Narahari	IEM	Attended the 25th National Quality Summit a " Quality Evolution -Journey through Innovation"	Bengaluru	25th to 26th Nov 2017	2,360.00
30	Vivekanand S Gogi	IEM	Attended the 25th National Quality Summit a " Quality Evolution -Journey through Innovation"	Bengaluru	25th to 26th Nov 2017	2,360.00
31	Dr B C Udayashankar	Civil	Attended the one day seminar on " Better aggregates for concrete and alternatives to river sand"	Bengaluru	7th Dec 2017	2,950.00
32	Sham Aan M P	Chemistry	Attended the training programme on analytical/Instrumental Methods	Calicut	4th to 8th Dec 2017	8,227.00
33	Shylashree N	ECE	Attended and present the paper in an International Conference IEEE INDICOM 2017	Roorkee	15th to 17th Dec 2017	20,000.00
34	Dr. Soumya A	CSE	Attended the NVIDIA DCI Workshop	Bengaluru	19th Dec 2017	4,720.00
35	ARKrishnaReddy	Office	Attended the Seminar by Karnataka Employers Association - Impact on Revised Minimum	Bengaluru	24th Jan 2018	7,080.00

			Wages			
36	Dr.Nagashree N Rao	BT	Paper Presentation at Bengaluru Tech Summit	Bengaluru	16th to 18th Nov 2017	2,000.00
37	Dr.Nagashree N Rao	BT	Attended and present project Presentation at DBT	New delhi	19th Dec 2017	12,000.00
38	Dr.A V Narayan	BT	Attended and presenting poster at International conference on food Processing and Agribusiness	Bengaluru	18th to 19th Jan 2018	2,750.00
39	Dr. K S Shushrutha	ECE	Attended and present the paper in an International Conference on "Biennial IEEE Applied Electromagnetics conference (AEMC-2017)	Aurangabad	19th to 22nd Dec 2017	23,745.00
40	Mahesh A	ECE	Attended and present the paper in International Conference "RF & Microwaves, IMARC-2017"	Ahmedabad	11th to 13th Dec 2017	21,960.00
41	Dr.S.G Srivani	EEE	Attended and present the paper in International Conference on Power Systems (ICPS-2017)	Pune	21st to 23rd Dec 2017	26,060.00
42	Dr.Sandhya S	MCA	Attended the Quality Improvement Programme	Chennai	29th Jan to 02nd Feb 2018	8,610.00
43	Dr.Ashok Kumar A R	CSE	Attended the MHRD GIAN Sponsered Course on "Software based Networks"	Surathkal	19th to 23rd Dec 2017	4,645.00
44	Dr.Prasannakumar S C	EIE	Attended the 47th ISTE National Annual Convention	Kottayam	27th to 29th Jan 2018	12,205.00
45	Mahantesh M Math	IEM	Attended the part time training programme on	Bengaluru		15,222.00

			Product Ergonomics			
46	Dr,Shanmukha Nagaraj	ME	Attended the 5th International Confernce on Transformations in Engineering Education	Madurai	8th to 9th Jan 2018	23,718.00
47	Dr.Rajeswararao K VS	IEM	Attended and Presenting a technical paper in 15th Intenational Conference on Humanizingh work and work Environment	Aligarh	08th to 10th Dec 2017	24,810.00
48	Sheela C S	ECE	Attended the five days GIAN course on " Estimation, Tracking & inforamation Fusion".	Suratkal	04th to 08th Dec 2017	6,240.00
49	Nethravathi K A	ECE	Attended the five days GIAN course on " Estimation, Tracking & inforamation Fusion".	Suratkal	04th to 08th Dec 2017	6,240.00
50	Lokeshwari.M	Civil	Attended and present the paper in ASCE India Conference 2017, on urbanization challenges in emerging economics	New delhi	12th to 14th Dec 2017	25,045.00
51	Vishwanatha C N	Sports	Attended National Conference on Cultural History of Traditional Games and sports of South India	Ongole	26th to 27th Feb 2017	4,870.00
52	Vikram N bahadurdesai	IEM	Attended and present a technical paper in 3rd International Conference ARIMPIE-2017	Uttar Pradesh	21st to 22nd April 2017	16,510.00
53	C.K Nagendra Gupta	IEM	Attended and presenting a paper in 4th International Conference on Industrial Engineering at SVNIT- 2017	Surat	21st to 23rd Dec 2017	14,410.00
54	Sudha Kamath	Physics	Attended Sahyadri Conclave	Mangalore	7th to 9th Jan 2018	1,244.00

55	Ramya P	Physics	Attended Sahyadri Conclave	Mangalore	7th to 9th Jan 2018	1,130.00
56	Ravishankar Holla	ECE	Attended long term training program on thin film transistors at IIT, Kanpur	Kanpur	01st Feb to 31st July 17	49,775.00
57	Divakar S G	Chemistry	Attended long term training program on flexible sensors at IIT, Kanpur	Kanpur	01st Feb to 31st July 17	50,627.00
58	Sowmya M	Maths	Attended workshop at IIT, Indore	Indore	18.12.17 to 22.12.17	10,267.00
Total Rs.						789903.00

DETAILS OF FACULTY MEMBERS ATTENDED INTERNATIONAL CONFERENCE, SEMINARS ETC. - SPONSORED BY RVCE 2017-18

Sl. No.	Faculty Name	Dept.	Seminar / Conference	Place	Date	Sanctioned Amount
1	Chethana R Murthy	ISE	Attended and present the paper in International Conference on ICWOC -2017	Singapore	07th to 9th July 2017	48,648.00
2	K Gajalakshmi	Civil	Attended and present the paper in International Conference on ICEE-2017	Indonesia	29th to 31st August 2017	50,279.00
3	Shanthi.P	TCE	Attended and present the paper in International Conference	Singapore	19th - 22nd Nov 2017	25,664.00

			on PIERS-2017			
4	Dr.Padmaja K V	EIE	Attended and present the paper in International Conference on 51st Asilomar Conference on Signals, systems and Computers	California	29th Oct to 01st Nov 2017	107,875.00
5	Krupashankar M.S and Mahendra Kumar S	ME	Participated at the world Solar Challenge 2017	Australia	02nd to 15th Oct-2017	357,354.00
6	Lokeshwari M	Civil	Attended and present the paper in International Conference on Asian and Pacific Coasts 2017	Philippines	19th to 22nd Oct 2017	61,571.00

6.3.2: Number of Professional development/administrative training programmes organised by the colleges for teaching and non teaching staff during the year: 2017-18

Year	Sl. No	Title of the professional development Programme organized for teaching staff	Title of the administrative training Programme organized for non-teaching staff	Dates (from-to)	No of participants (Teaching staff)	No of participants (Non-teaching staff)

2018	1	Qualnet Network Simulator training	---	1.2.2018 to 2.2.2018	2	
2017	2	Personality development and Team building at RVCE, Bangalore		8-6-2017 to 9-6-2017	1	-
2017	3		Effective communication skills	15.6.2017 to 16.6.2017		1
2017	4		Power of Human Excellence at RVCE, Bengaluru	6.7.2017		1
2018	5		Occupational Health Safety at RVCE	18.1.18 to 27.1.18		1
2018	6		Usage of Fire extinguisher	18.1.18 to 27.1.18		35
2017	7	CCNA Cisco Certification Course		10 days (10th July-22nd July 2017)	2	1
2017	8	Machine Learning Techniques for Real Time Applications		6 days(24th-29th July 2017)	18	
2017	9	Five Day workshop on “Computational electromagnetics and Application”		14.3.2017 to 18.3.2017	32	
2017	10	A Two day workshop on RF circuits design for wearable devices		27/01/2017 and 28/01/2017	22	
2017-18	11	Industry 4.0 & servo Drives on training program in association with BOSCH REXROTH (workshop)		11 th & 12 th Oct 2017	5	

	12	One day Workshop on Future of E-Mobility- Bridging the Gap between Academics and Industry. An IEEE Activity.		12 th March 2018	7	
	13	Three day workshop on “Power quality using FACTS”		19 th – 21 st March 2018	3	
	14	Two day workshop on ANN and Fuzzy logic -new technologies and implementation		12 th -13 th April 2018	7	
2017	15	Three days workshop on ‘Digital Signal Processing’		9.3.17 to 11.3.2017	28	
2017	16	FACULTY DEVELOPMENT PROGRAM on Data Analytics for IoT Applications		30.1.2017 to 4.2.2017	12	
2017	26	A training program on Design and Developing flipped classroom, e-Learning Instruction for Engineering and Science Education	–	21st July 2017	24	
2017	27	A training session for VRAT	–	23 rd to 25 th July 2017	18	–

2017	28	FACULTY DEVELOPMENT PROGRAM on Advances in Computing Tools and Technology	–	11th to 12th August 2017	39	–
2017	29	Training on Cyber Forensics Tools		25-27 th September 2017	10	
2017	30	International Conference on CSITSS	–	21 st to 23 rd Dec 2017	14	
2017	31	–	Training on "Usage of Cyber forensic Tools"	25th to 27th September 2017		6

6.3.3 Number of teachers attending professional development Programmes, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programmes during 2017-18

Year	Number of teachers who attended	Title of the professional development program	Date and Duration (from – to)
2018	Bhaskar K	Qualnet Network Simulator training	1.2.2018 to 2.2.2018
2018	Promio Charles	Qualnet Network Simulator training	1.2.2018 to 2.2.2018
2017	Dr. Ashwani Sharma	Development and advancement in conservation propagation and sustainable utilization of medical plants DSUMP-2017 At School of Biotechnology, Gautam Buddha University, Gr. Noida	23-01-2017 to 24-01-2017
2017	Dr. Harish K J	Optimization Techniques At NMAM Institute of Technology	January 2017
2017-18	National Conference on Advances in a materials research-2017 MS Ramaiah University of Applied sciences		18 th to 19 th Aug. 2017
	9 th Bangalore India Nano-2017		7 th to 8 th Dec. 2017
	20 th ISTE state level faculty convention on “Challenges & Issues of Outcome based Education “at DSCE, Bangalore		9 th Dec 2017

	Hands-on-Training Programme on Analytical/Instrumental Methods organized by Department of Chemistry, National Institute of Technology, Calicut, Kerala, India		4 th to 8 th Dec. 2017.
	QIP Programme on “Biophysical Methods of Analysis” IIT Bombay		11 th to 15 th Dec. 2017
	Proceedings of First International Conference on Digital Entrepreneurship Prospects, Perils, Dividends & Challenges, Presidency University, Bangalore		20 th -22 nd April, 2018,
	New model curriculum for first year BE/BTech-CBCS detailed syllabus (2018-19) as per Outcome-Based Education (OBE) format including course outcomes (CO) and Bloom’s Taxonomy, BIT, Bangalore		8 th May 2018
2017	Dr Shantharangaswamy	ICT Based Five Days Faculty Development Program On Research Methodology	9th - 13th Jan 2017, Dept Ise Rvce
2017	Dr Shantharangaswamy	Indusrtly Visit	23rd -25th Jan 2017, Nokia Bengaluru
2017	Dr Shantharangaswamy	Indusrtly Visit	24th -25th Jan 2017, Nokia , Bengaluru
2017	Dr Shobha G Dr.Minalmoharir	Faculty Development Program On Python Programming For Data Scince And Iot	27-28th Jan 2017, Rns Institute Of Technology , Chennasandra, Bengaluru
2017	Dr.Rajashreeshettar	Workshop On Data Analytics For Iot Applications	30th Jan 2017-4th Feb 2017, Rvce Mca Dept
2017	Dr.Rajashreeshettar	Training On Big Data Science Using R & Hadoop	8th - 10th Feb 2017, C-Dac, Bengaluru
2017	Dr.Rajashreeshettar Dr.Sharvani G S	Faculty Development Program On Data Analytics With R	3rd -8th Feb 2017, Spfu, Dte, Bengaluru
2017	Girish Raosalanke	Workshop On Theoretical Aspects Of Fuzzy C - Mean Clusterring	11th Feb 2017 , Mysore University
2017	H.Pavithra	Faculty Development Program On Artificial Intelligence And Its Application	9th To 13th Jan 2017, Ise Dept, Bnmit College
2017	Jyothishetty	Introduction To Research	18th To 20th Feb,RVCE
2017	Jyoti Shetty	Symposium	10th-11th March, 2017, Msrit,Bangalore
2017	Jyoti Shetty Kowcika A	Digital Signal Processing	9th - 11th March 2017, Rvce
2017			

2017	Lalitha V P	Machine Learning Using R	15th - 17th March ,2017, Infosys Bengaluru
2017	Lalitha V P	2 Days Workshop On Innovative Cities India Summit	Chancellory Pavilion, Bengaluru,16-17th March 2017
2017	Mamatha T	Smart Grid Applications And Cyber Security	17th March, 2017, C-DAC, Bengaluru
2017	Manas M N	Train The Trainee Workshop On Machine Learning	15th -16th March, 2017,Infosys
2017	Manonmani S Nagaraja G S 2	Two Days Orientation Workshop On Teaching Methodologies Two Days Orientation Workshop On Teaching Methodologies	25th ,26th March 2017, IIT BOMBAY 25th ,26th March 2017, IIT BOMBAY
2017	Nagaraja G S	2 Day Workshop On Advanced Research Pedagogy Training Program	Eagleton Resort, Bidadi, Karnataka Under TEQIP-II, 27.03.2017 & 28.03.2017
2017	Poonam G	Seminar On Block Chain, Next Generation Of Internet	4th April 2017, Accenture Bangalore
2017	Poonam G Prapulla SB Prapulla SB Prof Anupama Prof Azra Nasreen	Workshop On Power Aware HPC	4th May 2017, C-DAC,Bangalore
2017	Prof Chaitra B H	Faculty Mentoring Program On Collaborative Research	11th -17th May 2017, Guwahati
2017	Prof Chaitra B H	Workshop On Iot	22nd-24th May 2017, Msrit,Bangalore
2017	Prof H Pavithra Prof Jyotishetty	Short Term Course On Cyber Security Short Term Course On Cyber Security	22nd- 26th 2017, IIT Bombay
2017	Prof Mamatha	Research Work	30th May-June 24th , IIT Bombay,2017
2017	Prof Mamatha	Conference	1st June-3rd June 2017
2017	Prof Mamatha	Workshop On Satellite Remote Sensing	12th June 2017
2017	Prof Manomani	Faculty Development Program 4.1	July 3rd-7th 2017,Namakkal ,Tamil Nadu
2017	Prof Praveena T	Workshop On Tech Bridge	3rd-7th July 2017
2017	Prof Smriti Srivastava Prof Srividya S	Workshop On Cyber Physical System Symposium	19th July - 21st July,Iisc Bangalore
2017	Prof Srividya S	Workshop On Data Analytics For Iot Applications	30th Jan 2017-4th Feb 2017, Rvce Mca Dept

2017	Prof Suma B	Introduction To Research	18th To 20th Feb,Rvce
2017	Prof. Girish Rao Salanke N.S	Workshop On IPR	25th March ,Rvce
2017	Prof. Manjunath A.E	Industry Visit	CISCO,Bengaluru
2017	Sharadadevi K S	1 Day Seminar On Higher Education Technology Conference	10th MARCH 2017,Vivanta, Taj Bengaluru
2017	Smriti Srivataav	1 Day Workshop On IPR Under TEQIP	Rvce, Civil Seminar Hall,25/03/2017
2017	Veena Gadag	3 Days Workshop On " Digital Image Processing" Under TEQIP	Rvce,9-11 Th March 2017
2017	Prof Azra Nasreen Prof Sandhya S	Workshosop On Machine Learning Workshosop On Machine Learning	27th Dec -29th Dec 2017, Infosys Limited,Bangalore
2017	Prof Soumya A	Workshop On Nvidia Developer Connect 2017	20th Dec 2017, Hotel Lalit Ashok, Bengaluru
2017	Prof H Pavithra Prof Sneha M Prof Sharada Devi Kagnurmamth	Workshop On Software Defined Networks	Dec 19th- 23rd, NITK,Surathkal
2017	Prof Soumya A	Training On Nvidia Deep Learning Institute	Dec 19th 2017,Iisc,Bengaluru
2017	Prof Sandhya S	Workshop On Network On Chip	18th-19th December,2017
2017	Prof Soumya A	Traning On Machine Learning With R	25th -26th December, 2017
2017	Prof Shobha G	Nlp Workshop	11th Nov 2017
2017	Prof Jyoti Shetty	Datahack Summit	9th- 11th Nov, 2017
2017	Prof Sneha M Prof Kowcika A Prof Sharada Devi Kagnurmamth Manas M N Revathi Sa Swarnalatha Chaitra Bh Veena Gadag	Workshop On Foundation Program And ICT For Education	3rd July 2017- 7th August 2017, Bms IIT Bombay
2017	Prof Lalitha V P Prof Manonmani S	Workshop On Big Data And Analytics	18th-22nd Dec 2017
2018	Prof Azra Nasreen	Workshop On Devaps And Deep Learning	12th Feb 2018- 13th Feb
2018	Dr. Poonam G Anupama H S	ICT Workshop, IIT Bombay	March - May 2018
2017	Dr.Srinath N K	Conclave Of Academic Administrators, The National Institute Of Engineering, Mysuru	
2017	Dr.Rajashreeshettar	“Advanced Research Pedagogy Development Programme” Organized By International Academy For Competency Enhancement,	

		Bengaluru.	
2017	Dr.Rajashreeshetar	“Innovative Cities India Summit-2017”On 16 Th And 17 Th March 2017 Atchancellory Pavilion, Bengaluru.	16 -17 March 2017
2017	Dr.Sharvani G S	International Workshop On Cloud Computing Innovation Council Of India, National Institute Of Standards & Technology (Nist)	
2017	Dr.Ashok Kumar A R	“Software Based System: Sdn And Integration Of Virtual Networks” At NITK Surathkal	May 2017
2018	Dr.Sowmyarani C N	Gian Workshop On Practical Analysis Of Environmental Data With Open Source Software, NITK Sutatkal	5th Feb To 9th Feb 2018
2017	Mamatha T	ARM Programming, SFRF(IITD)	June 2017
2018	Veena Gadad	Gian Workshop On Practical Analysis Of Environmental Data With Open Source Software, NITK Sutatkal	5th Feb To 9th Feb 2018
2017	Ravishankar Holla	Long Term training at NcFlexe – IIT Kanpur	01.02.2017 to 31.07.2017 - 6 months
2017	Dr. H. V. Ravish Aradhya	Pedagogical skills development training	27.03.2017 to 28.03.2017 – 2 days
2017	Dr.K.R.Usha Rani	Pedagogical skills development training	27.03.2017 to 28.03.2017 – 2 days

2017-18	1	BRIDGE CONFERENCE 2017(Future of work) conducted by ICT Academy	20th Sept 2017
	2	Suminfra - A seminar on Infrastructure held by CII	6 th Oct 2017 to 07 th Oct 2017
	3	Workshop "Research to Impact" Indian Institute of Science IISc,Bangalore	13 th Nov 2017 and 14 th Nov 2017
	4	Women in Power Engineering (WIPE-2017) conducted by IEEE-PES	8 th Nov 2017
	5	One week training program on “ Hands on in LABVIEW”	11th Dec 2017 to 15th Dec 2017
	6	Training program on QUALNET software (workshop)	01st Feb 2018 to 02nd Feb 2018
	7	Technical talk on smart grid in Utility General manager Bescom	15th Feb 2018
2017-18	8	Workshop on “Battery Technologies and Electric Mobility' - Presented poster on the topic” IoT Application for Vehicle Management and Infrastructure Design to Promote Electric Vehicles”.	08th March 2018 to 09th March 2018
	9	One day Workshop on Future of e-Mobility-	12th March 2018

		Bridging the Gap between Academics and Industry.	
	10	Three day workshop on “Power quality using FACTS”	19th March 2018 to 21st March 2018
2017	Dr.K Ramesh B	Digital Signal Processing	March 09-11, 2017.
2017	Dr.S.C.Prasanna Kumar	3D Printing and Applications	13 st to 15 th March 2017
2017	Dr.S.C.Prasanna Kumar	Workshop on challenges and opportunities in bioengineering and biomedical devices and platforms	2017
2017	Dr.Padmaja KV	International Academy for Competency Enhancement	27- 28 March 2017
2017	Dr.Padmaja KV	workshop on Research Methodology	18-20 Feb,2017
2017	Dr.Padmaja KV	Data Analytics for IOT Applications	30 th Jan to Feb 4 th ,2017.
2017	Dr.Anand Jatti	3D Printing and Applications	13 st to 15 th March 2017
2017	Dr.Anand Jatti	Digital Signal Processing	March 09-11, 2017.
2017	Rajasree P M	Data Analytics for IoT Applications	30 th January to 4 th February 2017.
2017	Dr.K Ramesh B	Work shop on Field Theory	13 th March – 18 th March 2018
2017	Rajasree P M	Digital Signal Processing	March 09-11, 2017.
2017	Tabita Janumala	Research Mechodology	9th to 13th Jan, 2017
2017	Harsha	Solar Photovoltaic fundamentals technologies & applications	21-23 February 2017
2017	Harsha	Hands-on Training Workshop on Lab-VIEW	28 th Dec 2015 to 1 Jan 2016.
2017	Deepashree Devraj	Intellectual Property Rights	24 th to 25 th July 2017
2017	Rajine Swetha	IntelliSense Software for MEMS design and Simulation	5 th & 6 th June 2017
2017	Dr.Rajine Swetha	“Biology for Engineers	February 6 - 9,2017
2017	Dr.Rajine Swetha	National conference on Leveraging Transportation system for enabling smart cities	March 2-4,2017
2017	Sandesh R S	“Biology for Engineers”	6 th Feb, 2017 to 9 th Feb, 2017
2017	Dr.Anand Jatti	Bio-Medical Image Analysis”	9 th to 13 th January 2017
2017	Dr.Anand Jatti	Student Project Thesis	18 th to 20 th February 2017
2017	Dr.Anand Jatti	MHRD TEQIP KITE Workshop	26 th January 2017
2018			

2018	Dr.Padmaja K V	Recent Trends in LTE	29th Jan - 2 nd Feb
2018	Dr.Padmaja K V	International Conference on signals, systems and computers	Oct 29 th to Nov1st, 2017
2018	Dr.Anand Jatti	Microfluidics based Healthcare Diagnostics and Interfacial Phenomena”	06 th November to 11 th November 2017.
2018	Dr.Anand Jatti	Cyber Forensic Tools	25-27 September
2018	Racchana S Akki	Teaching Techniques and Learning Management System using ICT Tools	16 th to 21 st January 2018
2018	Rajasree P M	“Ni-myDAQ	11th to 15th December 2017
2018	Dr.CH Renumadhavi	Ni mydaq workshop	11th to 15th December 2017
2018	Tabita Janumala	NI myDaQ workshop	11th to 15th December 2017
2018	Tabita Janumala	Advances in Computing Tools & Technology(ACTT-2017)	11th & 12th August, 2017
2017-18	Dr. Rajeswara Rao K V S	Growth through Connectivity Enhancement	6th & 7th October 2017
	Dr. Ramaa, Mrs. Archana M S	Women – Leading Global Quality Challenge	24th November 2017
	Dr. C.K Nagendra Guptha	Industrial Academia Summit	24th November 2017
	Dr N.S Narahari and Vivekanand S Gogi	National Quality Summit	27 th November 2017
	Vivekanand S Gogi	Software Training of CYPE – 2018 & MS Project	9th – 10th February 2018
	Bhaskar M G	Sustainable Development - Indian Perspective	16 – 17 March 2018
	Dr. C K Nagendra Guptha	Industrial Innovative Management Practices (IIMP – 2018)	15 – 16 March 2018
	Dr. M N Vijay Kumar	Lean Innovation	16th to 18th April 2018
	Varna, Archana M S	PROJECT MANAGEMENT– Embrace and Lead Change through Effective Execution of Projects	2nd May 2018

2017-18	03	New Model Curriculum for first year B E/B.Tech.-CBCS detailed syllabus (2019-19) as per outcome- based education (OBE) format including course outcomes (CO) and Bloom's Taxonomy	08 th May 2018 (1 day)

6.3.4: Faculty and Staff recruitment (no of permanent recruitment): 2017-18

Teaching: Permanent -	17	Fulltime: 17
Non Teaching: Permanent -	14	Full time: 14

6.3.5: Welfare Schemes for Teaching/Non Teaching & Students:

- ❖ Age of superannuation: 65 yrs for Teaching & 60 yrs for Non Teaching Staff
- ❖ Sponsoring for upgradation of academic and technical qualifications with full salary
- ❖ OOD facilities for attending trainings, workshops, Examinations etc
- ❖ Financial assistance for attending conferences, paper publications, including international visits etc
- ❖ Revenue sharing on consultancy works
- ❖ Transportation facility at concessional rate
- ❖ Sabbaticals to premier institutions and industries
- ❖ Research Incentives for funded projects
- ❖ EL encashment and Gratuity, Maternity Leave, Benefits
- ❖ PF, ESIC, EDLI, GSLI, Medical Insurance, Accident Insurance benefits
- ❖ Uniform and allowances for support staff
- ❖ Fee concessions for staffs wards and admission for staff wards in other RV Institutions
- ❖ Staff quarters facility for class 4 staff
- ❖ Incentives for adoption of family planning as per norms
- ❖ Inhouse emergency medical facility

6.4 : Financial Management and Resource Mobilization:

Sustainability is an important factor of good Governance and it is important that all the stake holders act responsibly to achieve this. Strategic plan – identifying a clear development path for the institution, through its long-term academic, research and business plans is the responsibility of GB. Annual budgets and its review is taken up in GB, however for approvals, implementation and assessment of these, there are four committees setup in the institution namely:

- (i) Finance Committee
- (ii) Technical Purchase Committee
- (iii) Accounts Committee

- (i) **The Finance Committee (FC)** is responsible of looking into the sustainability aspects and approves institutional and department budgets depending on the availability of funds, internal IRG and anticipated external funding. The Finance committee is composed of:
- Principal as the Chairman
 - Three members from the Management (Hon. Treasurer, Hon. Secretary and Hon. Joint Secretary)
 - An auditor
 - Two senior Professors
 - The Member Secretary is a Professor/Administrative staff who has knowledge of accounts
- (ii) **Technical Purchase Committee (TPC)**, goes into the processes followed in getting quotes, Justification of purchases exceeding Rs.2.00 lacs. It is responsible for transparency in purchases and approves to place orders. Technical Purchase Committee consists of:
- Hon. Treasurer of RSST, is the Chairman
 - Three members from the management (Hon. Secretary and Hon. Joint Secretary, Registrar RSST)
 - Two Senior Professors from Finance Committee
 - All the Head of the Departments
 - Principal is the member secretary
- (iii) **Accounts Committee (AC)**, handholds the departments to finalize procurement files, before they are forwarded to TPC. It also looks in to common purchases, Justification, alternative solutions etc. Accounts Committee consists of:
- Principal
 - Two Senior Professors
 - Registrar
 - Concerned HoDs are invited members of this committee.
 - Accounts superintendent as the member secretary
- Accountability and financial sustainability is planned through the Departmental budgeting procedures committee along with the above three committees.
 - Sustainability is incomplete without “Sustainability and Respect for Gender”, keeping this mind equal opportunity is given to female employees and students in various positions and activities.
 - One of the important factors is to have a good governance is sustainability in leadership through rotation of Head of the Departments and Deans. This is to see that there is involvement in decision making.
 - The GB, Academic council and Research Advisory committee has to help in attaining financial sustainability through Research & Consultancy.

6.4.1 : Institution conducts internal and external financial audits regularly (within in 100 words each)

Yes , RVCE conducts internal and external financial audits regularly.

The details are as given below:

1. Internal Audit :

RSST has appointed internal Auditor Mr.S.Ashok, Chartered Accountant, M/s.Ashok Shivaji Rao & Co, No.83, Sunkalpet Main Road, Bangalore- 560 002, for R.V.College of Engineering. Monthly audits are carried out by internal auditor's team. They verify the books of accounts and monthly internal Auditors report will be given to RSST along with Receipts & Payments a/c and Bank Reconciliation statements of all the bank accounts of the institution.

The grants & scholarship received by the college are also audited by internal auditors for their utilization.

2. External Audit:

RSST has appointed External Auditor M/s.Santhappa & Co , Chartered Accountants, Unit No.201, II floor, house of lords, 15 & 16, St Maks Road, Bengaluru – 560 001, who performs an audit of the financial statements of the college.

During audit, they verify all the financial records & Internal Auditor's report.

The financial records of the College are audited after the end of each financial year and are certified by the external Auditors with Audit report and financial statements.

6.4.2: Funds/Grants received from management, non-government bodies, individuals, philanthropies during the year (not covered in Criterion III)

R.V.COLLEGE OF ENGINEERING, MYSURU ROAD, BENGALURU-59

Funded and consultancy assignments from 01.04.17 to 31.03.18

Sl no	Coordinator	Department	Funding Agency	Consultancy work	Receipt during 2017-18	
					Receipt	Service Tax +SB cess + KK cess / GST
1	HoD CSE	CSE	CISCO	Research Project "Tenant managed AAA in open day light controller	709,830.00	136,620.00
2	Civil Department	Civil	Testing charges	--	75,347.00	13,563.00
3	MCA-CODER	MCA	CODER	Consultancy work	33,898.00	6,102.00
4	HoD Civil	Civil	S.K.Steel Tech Unit II	Consultancy work	6,088.00	912.00
5	HoD Civil	Civil	PSP Projects Ltd	Testing charges	6,940.00	1,250.00
6	HoD Civil	Civil	Tide Technocarts Pvt Ltd	Mobilization of men & machinery & field testing	17,074.00	2,561.00

				charges		
7	HoD CSE	CSE	Gnostice Information Technology Pvt Ltd	Research Project-" XLS Engine Phase 2 in Delphi and C# Net	123,900.00	21,000.00
8	HoD IEM	IEM	NTTF	Training program for 16 M.Tech PGDQM students	25,200.00	4,200.00
9	HoD CSE	CSE	Gnostice Information Technology Pvt Ltd	Research Project-" XLSX Engine Phase 2 in Delphi and C# Net and XLS Engine phase 2 in Delphi and c#.Net	123,900.00	21,000.00
10	B.L.Shivakumar & Raghavendra T	Civil	K.B.Kumar, Contractor	Proof checking of design and drawings of jack house	50,000.00	9,000.00
11	HoD CSE & Prapulla S B	CSE	Rachana-Saisanket JV	Research Project on "Smart water management system"	291,591.00	44,209.00
12	Jyothi Shetty & HoD CSE	CSE	Sahaj Software	Training program for 8 numbers on machine learning	72,000.00	14,400.00
13	Dr.Anjaneyappa	Civil	Feedbak Infra Pvt Ltd	Material Testing	65,668.00	9,957.00
	Dr.Anjaneyappa				140,846.00	25,352.00
	Dr.Anjaneyappa				149,338.00	26,881.00
14	Dr.Sagar B M, ISE	ISE	Pulraj Electronics Pvt Ltd	Consultancy provided for natural language processing kit	10,000.00	1,800.00
15	Dr.Rajashree Shettar	CSE	Nihon Communication Solutions	Prototyping the IEEE 802.15.4 MAC protocol for modelling and analysis fo WBAN	45,762.00	8,238.00
16	Dr.B.L.Shivakumar & Raghavendra T	Civil	Megha Engineering and Infrastructures Ltd	Vetting of Structural designs & drawings- Arasikere Project	360,000.00	72,000.00
17	Dr.Raghavendra T	Civil	Megha Engineering and Infrastructures	Vetting of Structural designs & drawings-Kolar	247,500.00	49,500.00

			Ltd	Project		
18	Dr.Shanmukha N & Geetha K S	Mech & ECE	TE connectivity	CSR II project 2017	416,102.00	74,898.00
					49,500.00	9,900.00
19	HoD CSE	CSE	CABS, DRDO	Tracking and collaboration of tasks for enagling the activities of complix programs	122,400.00	30,600.00
20	Dr.Ranganath D	Plct	Manya Education Pvt Ltd	Institutional over head charges for facilitating GRE classes to students	100,046.00	20,008.00
21	Dr.B.L.Shivakumar & Raghavendra T	Civil	Tahal Consulting Engineers Ltd	Proof checking of civil works I drawings vide PO no.8067005396	382,500.00	76,500.00
22	N.K.Srinath	CSE	NAAC	NAAC recruitment examination during 23-24 September 2017	133,850.00	24,584.00
23	T.Raghavendra	Civil	B R Patil Engineers & Contrctors	Proof checking & vetting of structural design	445,000.00	85,500.00
24	T.Raghavendra	Civil	Deepa Construction Company	Proof checking & vetting of structural design	75,000.00	13,500.00
25	T.Raghavendra	Civil	Bhupal Engineers & Contractors	Proof checking & vetting of structural design	100,000.00	18,000.00
26	T.Raghavendra	Civil	Md.Rafiq Patel	Proof checking & vetting of structural design	100,000.00	18,000.00
27	HoD CSE	CSE	Gnostice Information Technology Pvt Ltd	Research Project RTF encoder in C #.NET	90,000.00	18,000.00
28	HoD CSE	CSE	Citrix Ltd	Research Project on “Test procedure to script Generation using classifiers and NLP”	315,000.00	63,000.00

29	HoD CSE	CSE	Citrix Ltd	Execution of "User defined protocol support and DPDK integration with Ostinato" as per the Milestones mentioned in MoU dated 22/02/2017	135,000.00	27,000.00
30	HoD ISE	ISE	Directi Internet Solutions	Data structure and & Algoritym exam conducted by Codechef	25,920.00	5,184.00
31	HoD ISE	ISE	Directi Internet Solutions	Data structure and & Algoritym exam conducted by Codechef	19,481.00	3,204.00
32	HoD CSE	CSE	Insta Kitchen Pvt Ltd	Development of Isometric model from floor plan	13,500.00	2,700.00
33	Campus	--	TCS	Comed K online exam	39,314.00	7,166.00
34	HoD CSE	CSE	ABB Global Industries And Services Private Limited	Research Project on Smart Factory Prototype	90,000.00	18,000.00
35	Campus	IDRC	Gitam University	Utilizing IDRC lab	45,000.00	8,100.00
36	T.Raghavendra	Civil	Sri Srinivasa Constructions India Pvt Ltd	Vetting of the structural designs and drawings for the project "Design, Build, Operate & Transfer of Multi Village water supply scheme to Illal and other 17 villages in Hungund Taluk, Bagalkot DistrICT. (from Krishna River)	600,000.00	108,000.00
37	Anjaneyappa	Civil	Karnataka Rural Roads Development Agency (KRRDA)	Conduction of One Day workshop on 'Construction & Maintenance of Rural Roads' on 12th February 2018	224,570.00	41,400.00
38	HoD CSE	CSE	Gnostice Information Technology Pvt Ltd	Research Project: Digitization Engine -	90,000.00	18,000.00

				Segmentation		
39	T.Raghavendra	Civil	Ripple Media	Vetting Of Structural Designs & Drawings for the project "Skywalks for Bengaluru city by BBMP" (Part payment-1)	135,000.00	27,000.00
40	T.Raghavendra	Civil	Deepa Construction Company	Vetting Of Structural Designs & Drawings for Additional structure for the project "Multi Village supply scheme to Shivamogga Taluk, Santhekadur and other 16 villages, Shivamogga DistrICT	35,000.00	6,300.00
41	Radhakrishna	Civil	Department of Youth Empowerment and sports,	Third Party inspection at Kanteerava and Koramangala stadium, Bengaluru	290,678.00	52,322.00
42	Roopa.J	ECE	Insta Kitchen Pvt Ltd	Consultancy project titled "Smart Pantry Management System	11,700.00	4,500.00
43	Anjaneyappa	Civil	PRAMC, Public Works Ports And Inland Water Transport Department	Conduction of: 1.Training program on 'Feasibility study& preparation of DPR for highway Projects on 11-13, Oct 2017 2. Training program on 'Quality Assurance / Management and Control in highways on 28-30, Nov 17	392,642.00	78,528.00
44	HoD CSE	CSE	M/s.Relx India Private Limited	Research Project 1. On Automated Data Skew Profiler	1,265,180.00	232,380.00

				2. On MQTT Protocol Support for ROXIE		
GRAND TOTAL RS. In lakhs					8,297,265.00	1,560,819.00

6.4.2: Total Corpus fund generated: INR 112.50 Lakhs (Govt of India Taxable Bond)

6.5 : Internal Quality Assurance System:

Assessment of quality is important and indicator of good governance process. To audit and analyze the attainments **Internal Quality Assurance Cell** is set up. The objectives of (IQAC) are:

- To develop a system for conscious, consistent and catalytic action facilitating to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internal quality culture and institutionalization of best practices.
- Bring best practices and ethics into academics and research.

In order to achieve the objectives and bring quality culture IQAC acts as a catalyst in

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution.
- Equitable access to and affordability of academic programmes for various sections of society.
- Optimization and integration of modern methods of teaching and learning.
- Creating an atmosphere of credibility of evaluation procedures.
- Ensuring the adequacy, maintenance and proper allocation of support structure and services.
- Sharing of research findings and networking with other institutions in India and abroad.
- Documentation of the various programmes and activities leading to quality improvement

IQAC facilitates and contribute towards:

- Ensuring heightened level of clarity and focus in institutional functioning towards quality enhancement;
- Ensuring internalization of the quality culture through audits;
- Ensuring enhancement and coordination among various activities of the institution and institutionalize all good practices;

- Provide a sound basis for decision-making to improve institutional functioning;
- Act as a dynamic system for quality changes in Engineering Education;
- Build an organized methodology of documentation and internal communication.

Sl. No.	Composition
I	Chairperson
II	One senior administrative officers
III	Three to eight teachers
IV	One member from the Management
V	One/two nominees from local society, Students and Alumni
VI	One/two nominees from Employers /Industrialists/stakeholders
VII	One of the senior teachers as the coordinator/Director of the IQAC

6.5.1: Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Y		Y	
Administrative	Y		Y	

Audit Committee: Academic & Administration

Sl No	Cluster	Internal Auditor/s	External Auditor/s	Date of Audit
1	Department of Computer Science Engineering	Dr N K Srinath	Dr Guruprasad	23-10-2018
	Department of Information Science Engineering		Dr G T Raju	
	Masters in Computer Application			
2	Department of Mechanical Engineering	Dr Shanmuka Nagaraj	Dr Govinda Raju	
	Department of Aerospace Engineering			
	Department of Industrial Engineering and Management			
3	Department of Telecommunication Engineering	Dr. G. Sadashivappa	Dr Meenakshi	
	Department of Electronics and Communication Engineering		Dr Suresh	
4	Department of Biotechnology	Dr A H Manjunatha Reddy	Dr Y.J. Rao	
	Department of Chemical Engineering			
5	Department of Electronics and Instrumentation Engineering	Dr. G. Sadashivappa	Dr H N Shivashankar	26-10-2018
6	Admin Office, Library, Sports Department, Placement, Health Centre and Hostel, IDRC,	Dr. Bhuvaneswara Babu T.	Dr Siddeshwar	
		Dr. S. Satyanarayana		
7	Department of Civil Engineering	Dr M A Lourdu Antony Raj	Dr Muralidhar	
	Department of Electrical and Electronics Engineering			

Auditing of Examination Process and Evaluation

Slno	Audit conducted date	Auditor details	Name of the Institution
1.	Audited on 29.01.2015	1. Dr. K V A Balaji Professor & Head Department of Mechanical Engineering Former Registrar(Evaluation)and Registrar, VTU, Belgaum	S J College of Engineering, Mysuru
		2. Dr. G.V Prabhu Shankar Professor and Head Department of IEM	Siddganga Institute of Technology (SIT) Tumkur.
	Audited on 04.02.2015	3. Dr. Kanmani Professor and Head Department of Telecommunication	B.M.S College of Engineering, Bangalore
2.	Audited on 29.08.2015	1. Mr. Vinod Halappa Vice President-Delivery Mob: 9986052742	Kuberre High Performance Computing Pvt. Ltd., Bengaluru-560011
	Audited on 31.08.2015	2. Dr. G M Madhu Associate Professor Department of Chemical Engineering,	M S Ramaiah Institute of Technology Bengaluru-560054
3.	Audited on 22.09.2016	1. Dr. S Bhanuprashanth Professor, Department of Medical Electronics	BMS College of Engineering, Bengaluru
		2. Dr. M C Nataraj Professor, Dept. of Civil Engineering,	S.J. College of Engineering, Mysuru
		3. Dr. G T Raju Professor & Head, Dept. of Computer Science,	RNSIT,Uttarahalli Main Road, Channasandra, Bengaluru -5600 98
4.	Audited on 27.03.2017	3. Dr. M S Patil Professor & Dean Academics, Dept. of Mechanical Engineering,	KLS Gogte Institute of Technology, Belagavi
		4. Dr Shridhar Malladi Assistant Professor & Dy CoE, Dept., of Chemistry	
5	Audited on 27.09.2017	1. Dr. Guruprasad Professor & Head , Department of Information Science and Engineering,	BMS College of Engineering, Bengaluru
		2. Dr. Rangavittal Associate Professor, Dept. of Mechanical Engineering,	
6	Audited on 03.10.2018	1. Prof. Gopalakrishna Deputy CoE Department of Electronics & Communication Engineering	Jain University, Bengaluru
		2. Prof. T R Seetharam Professor Department of Mechanical	PES University, Bengaluru

		Engineering	
		3. Dr. S Murthy Shekhar Professor & Head Department of Chemical Engineering	SIT, Tumkur

6.5.2: Activities and support from the Parent-Teacher association (at least three)

- Every semester, Parents Teacher meeting is arranged to discuss about the development in the Institution
- Discuss the activities & performance of their wards and issues of respective tests
- Carry out corrective actions as per the schedule and parents are also contacted during the emergency circumstances or medical issues of students

6.5.3: Development programmes for support staff (at least three)

Training Programmes arranged for Support staff in the campus from External Agencies:

- “Sensitizing workers about safety and health measures to be adopted at workplace”
- Communication & Behavioral skills
- Attitudinal behavioural skills and changing mindset
- Building Leadership qualities
- Fire Safety Measures

6.5.4: Post Accreditation initiative(s) (mention at least three)

- Implementation of Outcome Based Education as per Tier I format of NBA and 11 UG, 10 PG Programs – NBA accredited and another 5 programs in process out of the 9 PG Programs
- Starting of Centre of Excellence in IOT in collaboration with CISCO
- Starting of skill based technical programs in association with various corporates

6.5.5:

- a. Submission of Data for AISHE Portal : Yes
- b. Participation in NIRF : Yes
- c. ISO Certification : No. In Process

d. NBA or any other quality audit : Yes

6.5.6: Number of Quality Initiatives undertaken during the year

- Deputing faculty for Pedagogy and Teaching Training to Premier technical Institutions & Companies
- Faculty Sabaticals to IITs & Industries
- Starting of 5 Innovative Teams in the Campus
- Applying for patents and sponsored research projects

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES			
7.1 - Institutional Values and Social Responsibilities			
7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)			
		Participants	
Title of the programme	Period (from-to)	Female	Male
1) NSS Leadership Camp	Mar-2017	1	1
2) Women's Empowerment and Skills Training (WEST)	Mar-2017 to May-2017	60	-
3) Student Enrolment(UG)	Jun-2017	1314	3619
4) Student Enrolment(PG)	Jun-2017	453	633
5) Youth for seva leadership camp	Sep-2017	1	1
6) Self defence program for women	Oct -2017	300	-
7) Utsarga Marathon for underprivileged girl child	Oct-2017	200	200
8) IGC RDC 2017	Nov-2017	1	2
9) Major trek-NCC	Dec-2017	20	45
10) Republic Day parade- Delhi	Jan-2018	3	7
11) Thalsainik Camp	Jan-2018	2	2
12) National Integration Camp	Jan-2018	3	5
13) National Youth day	Jan-2018	75	75
14) DG commendation	Feb-2018	1	-
15) CM commendation	Feb-2018	1	2
16) DDG commendation	Feb-2018	2	5
17) NGO collaboration-Wishing tree foundation	Jun-2018	1	-
18) Health centre personnel	Jun-2018	1	1
19) Campus counsellor	Aug-2018	1	-
20) Faculty (teaching)	Aug-2018	177	213
21) Supporting Staff	Aug-2018	52	192
22) HOD's	Aug-2018	7	9
23) Associate Deans	Aug-2018	5	8
24) Mega trek- Asia book of world record	Sep-2018	100	50
25) IGC TSC 2017	Sep-2018	1	1
26) Ekta Diwas	Oct-2018	300	250
27) Youth Exchange Program	Nov-2018	1	1
28) Minor trek- NCC	Nov-2018	15	45
7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources is 34.59 %			
7.1.3 Differently abled (Divyangjan) friendliness			
Items Facilities	Yes/No	No. of Beneficiaries	
Physical facilities	Yes	33	
Provision for lift	Yes	33	
Ramp/ Rails	Yes	33	
Braille Software/facilities	No	-	
Rest Rooms	Yes	4	
Scribes for examination	Yes	-	

Special skill development for differently abled students	No	-
Any other similar facility- (Health centre, First aid & wheel chair facility)	Yes	20

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2017-18	13 Initiatives *	1	August 2018 - November 2018 (600 hours duration)	Suryamitra Skill Development Program	Residential program to develop skilled technicians in solar powered projects funded MNRE/NISE.	30 students & 6 Faculty
2017-18						
2017-18						
2017-18						
2017-18						
2017-18						
2017-18		1	Oct 2017-Dec 2017 (80 hours duration)	Ready Engineers	Training students on CAD modelling softwares as part of CSR initiative of TATA Technologies	108 students & 7 Faculty
2017-18		1	Mar-2017- May-2017 (3 month duration)	Women Empowerment and Skills training	Computer hardware and software training, Personality development training, E-waste and health aspects.	40 students 20 faculty
2017-18		1	Oct-2017; half day event	Utsarga Marathon	Education for underprivileged girl child	400 students 5 faculty
2017-18		1	Oct-2017; half day event	Self-defence for women	Self defence, Women empowerment	300 students 2 faculty
2017-18						

2017-18		1	Oct-2017; half day event	Kannada anthakshari for non kannadigas	To encourage speaking regional language for non kannadigas in	50 students 2 faculty
2017-18		1	Jan-2018; Two weeks from Jan 12th to Jan 26th	National youth week	To bring about pride of being an Indian and work towards nation building	500 students 100 faculty
2017-18		1	Nov-2018; one day duration	Swachh Bharath Abhiyaan	To spread awareness on Cleanliness	55 Students and 1 faculty
2017-18		1	Aug-2017; one day duration	Plantation Drive	To spread awareness on environment	45 students 7 faculty
2017-18		1	Jun-2018; 3 days duration	International Day of Yoga	To spread awareness on benefits of yoga	35 students and 50 faculty
2017-18		1	Feb-2018- one day duration	Orphanage visit	To spread awareness on career guidance	30 students 2 faculty

Legend:

- Namely **13** initiatives / facilities provided become Locational advantages such as Wi-Fi Enabled campus, Library (9am -9pm), Browsing centre, Sports complex, Gym, New Cauvery Hostel, Bus facility, ATM, Bank & Post office within campus, IT/ITES hub, Aerospace Hub, Industrial Visits for academic enhancement, BIEC expo, Industry experts as jury for competitions, etc.

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Hand book of General Information	First publication: Academic year 2007-08 Recent publication: 2017-18	Hand book is printed and distributed to all the students at the beginning of each academic year. This Discipline Handbook was developed to assist students, parents and staff in understanding discipline policies currently in place and the consequences of not adhering to those policies. It contains a chapter on Discipline to be followed. It contains information on General Discipline, Anti-Ragging awareness, Dress

		Code, Security and Support Services.
7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from 2017 to 2018)	Number of participants
Anti-Ragging Awareness Program -Induction Program	Aug-2018	800
Know your country- Lt Gen. P G Kamath - Induction Program	Aug-2018	200
Working towards societal Uplift - Induction Program	Aug-2018	300
Road safety- NSS day	Sept 2017	160
Blind T-20 world cup through samarthanam Trust	Sept 2017	100
Orphanage visit	Nov-2017	70
Destitute home visit- Nele Narendra	Aug-2017	40
Essay competition on Gandhian Principles	Aug-2017	100
Visit to Gandhi Bhavana	Aug-2017	50
Utsarga Marathon for social cause	Oct-2017	400
Paper drive for Social cause	Jan-2018	150
National Youth week celebration	Jan 2018	500
Talk on Bhagat Singh	Jan- 2018	500
Akshara	Feb-2018	35
Women Empowerment And Skills Training – WEST	Mar-2018	14
Blood donation camp	Apr-2018	240
Ready Engineers	Oct-2018	108
Illegal trafficking and anti- drug awareness	June -2018	80
Basic leadership camp	June -2018	15
Career Opportunities for Engineers in armed forces	Sept-2018	500
Khadi Exhibition	Jan-2018	6000
7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)		
1. Rain water harvesting structures and utilization in the campus 2. Solar PV panels/ meeting power requirements using renewable energy sources 3. Bicycles for movement within the campus 4. Solid/liquid and E- waste management practices adopted 5. plastic free campus 6. Pedestrian Friendly campus 7. Green Landscaping with trees and plants 8. Green initiative campaign- Sapling instead of a bouquet.		
7.2 Best Practices		

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

1. Sustainability and Environmental Practices. <https://www.rvce.edu.in/infra>
2. Interdisciplinary research. <https://www.rvce.edu.in/research-at-rvce>

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

1. RVCE holds 58th rank in NIRF.
2. First preferred Engineering College across Karnataka in Entrance exams to UG/PG programs.
3. Following outcome based education as per Washington Accord.
4. Interdisciplinary Research centre.
5. R.V Incubation centre.
6. Encouraging innovative teams to participate International competitions and also involved in Patents.
7. Industry supported Labs.
8. Centre of excellence in Large Area Flexible Electronics (LAFE) and RVCE – Cisco Centre of Internet of Things (IoT).
9. Good governance practices.
10. Sustainability and Environmental practices.

8. Future Plans of action for next academic year (500 words)

Outcome Based Education (OBE):

Developing Sustainable solutions for local problems through Projects and Skill development. Networking and International collaborations for Academics, Research and Consultancy.

Entrepreneurship :

The future plan is to have a strong entrepreneurship cell in collaboration with National Entrepreneurship Network to strengthen the entrepreneurship skills of students who aspire to be one. To encourage the mentor entrepreneurship activities like mentoring talks from young Entrepreneurs, Leaders concave, 24 hours Business Marathon, E-Summit, TEDx, Embark (Ideation Workshop, Expedient (Business Plan), Startup Internship Fair to be organized.

Incubation Centre

Provide incubation centre where idea generated is converted into a business plan by the incubate contenders. In the incubation prototype development, incubate will be provided with either a shared space or co-working space along with Laboratory and Fabrication facilities. Provide experts of domain to periodically mentor with regard to technology, product commercialization and market research. The action plan for active innovation and entrepreneurship ecosystem are – Building leadership capacity, developing skills for innovation, reward innovations, leverage existing innovation infrastructure, organizing programs outside RVCE incubation centre, building a connected innovation community and Networking with R&D Labs.

State of art Infrastructure development

It is proposed to provide an infrastructure that enables any expert from any part of the world to provide knowledge to 200 student/staff at a time. The infrastructure will have video conference camera and tracking camera. The state of art will enable in interact to the speaker from anywhere in the world.


Signature of the Coordinator, IQAC

Dr. N. K. Srinath


Signature of the Chairperson, IQAC

Dr. K. N. Subramanya

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